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OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

A REPORT BY THE SECRETARY OF AGRICULTURE OF THE
OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY OF THAT
DEPARTMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1902.

JANUARY 19, 1903.—Read; referred to the Committee on Agriculture and Forestry
and ordered to be printed.

To the Senate and House of Representatives:

I transmit herewith a report, by the Secretary of Agriculture, of the operations of the Bureau of Animal Industry of that Department for the fiscal year ended June 30, 1902, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

THEODORE ROOSEVELT.

WHITE HOUSE, *January 19, 1903.*

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 16, 1903.

The PRESIDENT: I have the honor to submit herewith, for transmittal to Congress, a report of the operations of the Bureau of Animal Industry of this Department for the fiscal year ended June 30, 1902, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Respectfully submitted.

JAMES WILSON, *Secretary.*

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OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1902.

WORK OF THE YEAR WITH RECOMMENDATIONS.

INSPECTION DIVISION.

MEAT INSPECTION.

The inspection of cattle, sheep, calves, and hogs and their products was conducted at 154 abattoirs and packing houses in 49 cities. Inspection was begun at 12 establishments, 10 in cities where it was already in operation and 2 in two other places. The net decrease of 2 cities and 2 abattoirs is due to the withdrawal of inspection owing to the cessation of business or to its restriction to local trade. Horses were inspected at one other abattoir.

The following table shows the number of establishments and cities where inspection has been conducted:

Number of establishments and cities where inspection was conducted, 1891 to 1902.

Fiscal year.	Number of establishments.	Number of cities.	Fiscal year.	Number of establishments.	Number of cities.
1891.....	9	6	1897.....	128	33
1892.....	28	12	1898.....	135	35
1893.....	37	16	1899.....	139	42
1894.....	46	17	1900.....	149	46
1895.....	55	19	1901.....	157	52
1896.....	102	26	1902.....	155	50

The following table shows the number and kinds of animals inspected before slaughter and the number of these that were rejected for some cause apparently unfitting them for food purposes, the final condemnation or passing of the carcass depending upon the result of the post-mortem inspection:

Antemortem inspection for the fiscal year 1902.

Kind of animal.	For official abattoirs in cities where inspections were made.	For abattoirs other than official and miscellaneous buyers.	Total inspections.	Rejected (subject to result of post-mortem inspections).	
				At abattoirs.	In stock yards.
Cattle.....	5,733,698	4,062,752	9,796,450	340	41,657
Sheep.....	7,497,738	5,059,054	12,556,792	1,180	15,633
Calves.....	515,442	325,785	839,227	1,259	4,240
Hogs.....	25,096,684	10,867,846	35,964,530	3,576	63,736
Horses.....	1,649	1,649
Total.....	38,845,211	20,313,437	59,158,648	6,355	125,266

Causes of condemnation of carcasses and parts of carcasses, fiscal year 1902—
Continued.

Causes of condemnation.	Cattle.		Sheep.		Calves.		Hogs.		Horses.
	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.
Enteritis	28		64		3		263		1
Peritonitis	152		58		26		445		1
Metritis	21		14				135		
Nephritis	4		14		1		26		
Uræmia			18				20		
Mammitis			2				5	327	
Septicæmia	179		128		14		623		12
Pyæmia	250		103		9		1,830		1
Gangrene	4		3		2		27		
Anæmia, emaciation, marasmus	2,791		3,632		66		573		3
Ascites and anasarca	19		49				44		
Jaundice	9		190		2		673		1
Extreme temperature, various causes			47		7		1,106		1
Pregnancy	75		36				350		
Recent parturition	16		6				50		
Hernia	3		8				15		
Downers, bruised, injured, etc.	1,040	1,079	1,086	63	54	21	209	6,297	
Asphyxiation	6								
Impaction of rumen			1						
Distoma			7						
Sick			19						
Too young					311				
Melanosis					1				4
Dead from various causes	611		2,359		346		14,232		48
Killed by city inspectors	189		26		5		10,802		
Total	15,083	3,414	9,195	71	921	26	65,326	13,934	73

The following table, showing for the fiscal years 1891–1902 the total number of animals inspected at time of slaughter for abattoirs having inspection, is given for the purpose of comparison:

Number of animals inspected at slaughter for abattoirs having inspection, fiscal years 1891–1902.

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Horses.	Total.
1891	83,889					83,889
1892	3,167,009	59,089	583,361			3,809,459
1893	3,922,079	92,947	870,512			4,885,538
1894	3,861,594	96,331	1,020,764	7,648,146		12,626,835
1895	3,704,042	116,093	1,428,601	13,616,539		18,865,275
1896	3,985,484	256,905	4,629,796	14,250,191		23,122,376
1897	4,242,216	273,124	5,209,161	16,808,771		26,533,272
1898	4,418,738	244,330	5,496,904	20,893,199		31,053,171
1899	4,382,020	246,184	5,603,066	23,836,943	3,332	34,071,575
1900	4,841,166	315,693	6,119,886	23,536,884	5,559	34,619,188
1901	5,219,149	413,830	6,639,212	24,642,753	1,932	36,916,936
1902	5,559,969	555,836	7,434,878	25,277,107	1,649	38,829,439

The meat inspection tag or brand was placed upon 19,694,665 quarters, 250,141 pieces, and 3,820 sacks of beef; 7,419,287 carcasses of sheep, 554,016 carcasses of calves, 1,253,083 carcasses of hogs, and 793,471 sacks of pork.

The meat inspection stamp was affixed to packages of meat products that had received the ordinary inspection, as follows: 7,166,490 of beef; 39,229 of mutton; 8 of veal; 15,835,520 of pork, and 638 of horse-flesh; a total of 23,041,885.

The number of cars sealed containing inspected meat products for shipment to official abattoirs and other places was 64,730.

The number of certificates of ordinary inspection issued for meat products for export, exclusive of horseflesh, was 32,744. Of beef, there were 1,571,305 quarters, 19,728 pieces, 3,845 bags, and 1,582,549 packages, with a weight of 416,990,762 pounds; of mutton, there were 85 carcasses and 26,942 packages, weighing 1,145,248 pounds; of pork, there were 94,962 carcasses and 658,139 packages, weighing 188,360,011 pounds. These figures show a decrease from the previous year of 35,839,611 pounds of beef and 42,784,927 pounds of pork.

There were 11 certificates issued for horseflesh, the export consisting of 638 packages, weighing 170,968 pounds.

The following table shows for several years the quantities of beef, mutton, and pork for export, which received the certificates of inspection, not including microscopically examined pork:

Quantities of beef, mutton, and pork for export, upon which certificates of ordinary inspection were issued, 1898 to 1902.

Fiscal year.	Beef.	Mutton.	Pork.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1898.....	339,650,091	324,996	244,956,482
1899.....	360,843,856	525,705	278,696,435
1900.....	438,138,233	680,897	272,050,663
1901.....	452,830,373	894,648	231,144,938
1902.....	416,990,762	1,145,248	188,360,011

Expenditures on account of the foregoing amounted to \$638,592.79. The cost of each of the 59,158,648 ante-mortem inspections averaged 1.08 cents.

The following shows the cost of each ante-mortem inspection from 1893 to 1902, inclusive:

	Cents.		Cents.
1893.....	4.75	1898.....	0.80
1894.....	1.75	1899.....	.88
1895.....	1.10	1900.....	.95
1896.....	.95	1901.....	1.01
1897.....	.91	1902.....	1.08

MICROSCOPIC INSPECTION OF PORK.

The number of carcasses examined was 681,865, classified as follows: Class A (free of all appearances of trichinæ), 664,288, or 97.42 per cent; Class B (containing trichina-like bodies or disintegrating trichinæ), 10,085, or 1.48 per cent; Class C (containing live trichinæ), 7,492, or 1.10 per cent.

During the first half of the year livers were examined separately from the carcasses and 350,800 examinations were made. The number of livers so examined was 892,191, of which 869,073 were in Class A and 23,118 in Class C. As three livers were usually examined at one time, and all were condemned if trichinæ were found in the preparation, the number in Class C does not indicate the actual number infested.

There were 7,481 trichinous carcasses, weighing 1,585,627 pounds, and 68,801 pounds of livers disposed of during the year. About one-half was tanked and the rest made into cooked meat.

The number of certificates issued for microscopically inspected pork products for export was 5,613; the number of packages stamped and exported was 95,508, with a weight of 33,681,229 pounds. The decrease in the exports amounted to 2,261,175 pounds.

The following shows the exports of pork to countries requiring certificates of microscopic inspection from 1892 to 1902:

	Pounds.		Pounds.
1892	22,025,698	1898	120,110,356
1893	8,059,758	1899	108,858,149
1894	18,845,119	1900	55,809,626
1895	39,355,230	1901	35,942,404
1896	21,497,321	1902	33,681,229
1897	42,570,572		

The cost of the microscopic inspection was \$123,947.31. This is an average of 12 cents for each examination and 0.368 cent for each pound exported.

INSPECTION OF VESSELS AND EXPORT ANIMALS.

The number of certificates of inspection issued for American cattle exported to Europe was 1,102; the number of clearances of vessels carrying inspected live stock was 837. The figures show a falling off in the exports of American animals, there being 91,336 cattle, 16,710 sheep, and 13,985 horses fewer than during the previous year. The number of Canadian cattle and sheep exported from United States ports was increased. All of the animals in the following table were exported to Great Britain with the exception of 301 cattle, 200 sheep, and 412 horses to Belgium, 198 sheep to France, and 124 horses to Germany.

Number of inspections, etc., of American and Canadian animals, fiscal year 1902.

Kind of animal.	American.				Canadian.		
	Inspections.	Rejected.	Tagged.	Exported.	Inspected.	Rejected.	Exported.
Cattle	584,040	1,491	304,441	<i>a</i> 293,386	72,726	47	72,679
Sheep	401,132	266	-----	<i>b</i> 211,224	52,445	74	52,381
Horses	19,990	86	11,272	<i>c</i> 10,967	337	2	335

a 7,904 via Canada.

b 280 via Canada.

c 80 via Canada.

In addition, there were inspected for export to other countries 1,960 cattle, 954 sheep, 8 horses, and 21 mules, as follows: Bermuda, 1,854 cattle, 714 sheep, 7 horses; Brazil, 34 cattle; Africa, 45 cattle; British Guiana, 80 sheep; Barbados, 160 sheep; Jamaica, 21 mules, 1 horse; Costa Rica, 10 cattle; Newfoundland, 17 cattle.

The number of American and Canadian animals landed alive at the foreign-animal wharves in London, Liverpool, and Glasgow, and inspected by inspectors of this Bureau stationed at these ports, together with the number and percentage lost in transit, is shown in the table that follows:

Number of animals inspected at time of landing in London, Liverpool, and Glasgow, and loss in transit, fiscal year 1902.

From—	Cattle.			Sheep.			Horses.		
	Landed.		Lost.	Landed.		Lost.	Landed.		Lost.
	Number.	Number.	Per ct.	Number.	Number.	Per ct.	Number.	Number.	Per ct.
United States..	284,339	378	0.13	211,617	1,890	0.89	10,869	71	0.65
Canada	65,343	153	.23	49,679	881	1.78	295	6	2.03
Total	349,682	531	.15	261,296	2,771	1.06	11,164	77	.69

INSPECTION OF IMPORTED ANIMALS.

The number and kinds of animals imported from Mexico and inspected at ports of entry along the international boundary line are shown in the table following:

Importation of Mexican animals, fiscal year 1902.

Port of entry.	Cattle.	Sheep.	Lambs.	Asses.	Horses.	Mules.	Goats.	Hogs.
Eagle Pass, Tex	292	-----	-----	-----	5	10	1,736	-----
El Paso, Tex	43,021	-----	-----	-----	3	26	-----	-----
Nogales, Ariz	20,550	-----	-----	9	-----	-----	114	64
San Diego, Cal	1,350	2,703	1,073	6	-----	-----	240	-----
Total	65,213	2,703	1,073	15	8	36	2,090	64

There were also inspected animals imported in bond, as follows: At Nogales, 640 cattle, destined to Lower California; at El Paso, 3,622 cattle, 26 horses, 4 mules, and 2 asses, destined to Canada.

Through ports on the seacoast animals not subject to quarantine were imported as follows:

From—	Horses.	Ponies.	Mules.	Zebra.	Water buffalo.	Bears.	Monkey.	Dogs.
Europe	2,206	58	11	1	-----	-----	-----	-----
Bermuda	13	-----	-----	-----	-----	-----	-----	-----
Porto Rica	1	2	-----	-----	-----	-----	-----	-----
Cuba	11	-----	-----	-----	-----	-----	-----	-----
Mexico	4	-----	1	-----	-----	-----	-----	-----
South America	1	-----	-----	-----	-----	-----	-----	-----
Algiers	-----	-----	1	-----	-----	-----	-----	-----
Manila	2	-----	-----	-----	4	-----	-----	-----
China	3	-----	-----	-----	-----	-----	-----	-----
Canada	42	-----	1	-----	-----	-----	-----	2
New Zealand	-----	-----	-----	-----	-----	4	-----	-----
Ceylon	-----	-----	-----	-----	-----	-----	1	-----
Total	2,233	60	14	1	4	4	1	2

A statement of other animals imported through ports along the Canadian border and through quarantine stations on the Atlantic coast will be found in the report of the "Miscellaneous Division."

CONTROL OF CONTAGIOUS DISEASES.

Southern cattle inspection.—The supervision of the movement of cattle from the area quarantined on account of Southern, or Texas, or splenetic, fever of cattle, due to the presence of the tick (*Boophilus annulatus*) which carries the infection, involved the proper yarding in the quarantine divisions of the different stock yards of 1,126,490 head of cattle during the quarantine season of 1901. To transport these cattle required 42,354 cars, each of which had to be placarded, and all of the waybills, manifests, and bills of lading accompanying the shipment had to state that the cattle were Southern cattle. The number of cars cleaned and disinfected was 46,736.

In Texas 418,566 cattle were inspected and identified by brands as originating outside of the quarantine district and were permitted to be moved to Northern States for grazing.

Scabies in sheep.—The number of sheep inspected in stock yards, at feeding stations, and at many places throughout the West, in order to prevent the shipment of sheep affected with or that had been exposed to scabies, amounted to 11,186,661. The number of sheep dipped under the supervision of Bureau inspectors was 1,017,162. The number of cars cleaned and disinfected was 791. For shipments of sheep that were found free of infection certificates of inspection were given.

BIOCHEMIC DIVISION.

The routine work of this division in the preparation and shipment of tuberculin and mallein has been continued. Large quantities of tuberculin have been shipped, and a large amount of mallein has been supplied, especially to the War Department and to State officials entitled to receive it. According to the records about 55,000 doses of tuberculin have been sent out to 33 different States, and 12,000 doses of mallein to 25 different States. During a portion of the year stamping ink for meat has been prepared and 312 gallons shipped.

A limited amount of tetanus antitoxin has been prepared in conjunction with the experiment station of the Bureau. A great deal of work has also been done in connection with a comparative study of the tuberculosis germs from various sources. The virulence of the bovine germ for monkeys has been established and a preliminary note on this work published. Our work was the first recorded to show that the bovine germ was pathogenic for monkeys. A number of different varieties of the tubercle germ have been obtained from children and adults in the various hospitals of Washington City, and their morphological and cultural characteristics and virulence for small animals, as well as cattle, have been and are being tested.

A very valuable piece of work has been done by Dr. M. Dorset, assistant chief of the division, in suggesting the use of a solid medium for cultivating the tuberculosis germ, namely, the substitution of egg for blood serum. The great ease with which this can be prepared and the very satisfactory character of the results obtained make this work of great importance. In addition to this, there has been published a chemical analysis of tubercle bacilli derived from various animals. This laboratory was the first to publish, some years ago, a report upon a complete chemical analysis of the tuberculosis germs of human origin. The work above referred to, which is a continuation of this line of investigation, includes, in addition to the germs of human origin, those derived from the horse, hog, cow, birds, and dogs. The results of these comparative analyses are of importance, not only in corroborating our suppositions that the composition of the various tubercle bacilli is influenced by their surroundings, but also in indicating other points for further investigation in connection with the treatment of this disease.

The experiments in connection with hog cholera and swine plague have also been continued, both at the experiment station and in the West. Progress has been made and new factors of importance discovered. The feeding experiments of poultry have been continued and the results of the work are about ready for publication. A number of routine examinations of various sorts in connection with the work of the Bureau have also been made.

It is proposed during the coming year to continue the routine work above noted, and also the investigations already started, and to begin as many others as the facilities of the laboratory will allow.

DIVISION OF PATHOLOGY.

The most important branch of work upon which this division has been engaged during the past fiscal year are the following:

(1) The investigation of a fatal infectious disease of chickens, to which the name of "apoplectiform septicemia" has been given.

(2) The preparation for publication of the results obtained in the investigation relative to "The effectiveness of milk from cows which have reacted to the tuberculin test."

(3) An investigation concerning the comparative virulence of tubercle bacilli from human, bovine, ovine, porcine, and simian sources.

(4) An investigation of a highly fatal enzootic among the cattle in a dairy herd in the vicinity of the city of Washington.

(5) A preliminary study of a progressive, chronic, but nevertheless fatal disease among Angora goats, which has been brought to our attention from Massachusetts, Pennsylvania, Maryland, Virginia, and Missouri.

(6) An investigation of the so-called *maladie du coit* among horses in Nebraska, with particular reference to the probability of its ultimate extirpation.

(7) The preparation and distribution of blackleg vaccine.

(8) A continuation of the inoculation experiments and microscopic examinations for the purpose of determining the prevalence of rabies in the District of Columbia.

(9) The preparation of tubes of grasshopper disease fungus for distribution by the division of entomology.

(10) Experiments relative to the preparation of a harmless but but efficient anthrax vaccine.

(11) The preparation, installation, and supervision of a pathological exhibit at Buffalo, N. Y., and Charleston, S. C.

(12) The determination of pathological specimens sent to the Bureau for diagnosis and the preparation of answers to inquiries relative to the character, cause, and treatment of various diseases of domestic animals.

APOPLECTIFORM SEPTICEMIA IN CHICKENS.

A highly fatal disease in chickens, to which the name "apoplectiform septicemia" has been applied, was observed on a farm in northern Virginia during the past year. The nonpyogenic streptococcus isolated as the causative agent in the outbreak is possessed of unusual virulence for chickens, causing sudden death without premonitory symptoms and with a mortality of 100 per cent. of those affected and 92 per cent. of the entire flock. The nature, etiology, and prevention of this affection have been studied and the results of the investigation published as Bulletin No. 36 of this Bureau.

INFECTIVENESS OF MILK FROM TUBERCULOUS COWS.

As a result of the elaborate experiment which was conducted in this laboratory, for the purpose of establishing the presence or absence of the tubercle bacilli in the milk of tuberculous cattle, a paper has been prepared entitled "Infectiveness of milk from cows which have reacted to the tuberculin test." This paper contains the final results obtained from the inoculation and ingestion experiments conducted upon guinea pigs with the milk of the tuberculous cows at the Government Asylum for the Insane, together with the positive findings

recorded in 57 similar experiments made by competent investigators in this and foreign countries.

This experiment lasted ninety days and included the milk of 56 tuberculous cows. A synopsis of the results shows that one or more of the guinea pigs fed with milk from 9 different cows have succumbed with typical tuberculosis; that is, the milk of 16.1 per cent of the 56 reacting cows has been found to be pathogenic to guinea pigs when fed to them. Of the experiment animals inoculated intraabdominally, in the first series at least, one guinea pig has died of tuberculosis in each of six different instances, showing that the milk of 10.7 per cent of the 56 reacting cows in this experiment has proved fatal to guinea pigs in the first inoculation experiment. In the second series of intraabdominal injections the milk from 7 individual cows out of 45 examined, or 15.5 per cent, was demonstrated to possess virulent tubercle bacilli. By uniting these inoculation results it will be observed that 11 out of 56 cows, or 19.6 per cent, secreted milk which transmitted tuberculosis to one or more experiment animals when injected into the peritoneal cavity.

Owing to the greater percentage of positive results obtained from the second inoculation experiment, conducted more than two months after the first intraabdominal test, it appears probable, as would be expected, that the virulence of the milk increased with the advancement of the disease in the cow. The lack of uniformity of results obtained in many of the cows might be explained from our knowledge that tubercle bacilli are not excreted by the normal udder with any degree of constancy. For this reason the continuous feeding experiment, covering a period of three months, seems to have more practical value in demonstrating the transmission of tuberculosis than the inoculation test, where the only possibility of affirmative results must depend on the contingency of the accidental excretion of the bacilli on one particular day.

The combined results of the ingestion and inoculation experiments show that the milk of 12 out of 56 reacting cows, or 21.4 per cent, has at one time or another since the beginning of the experiment contained virulent tubercle bacilli.

Cover-glass preparations of the centrifugalized sediment of milk from 4 out of 55 cows, or 7.3 per cent, revealed the presence of the tubercle bacillus, and in two of these cases the centrifugalized cream was also found to possess this organism. In one case (cow No. 10) tubercle bacilli were only demonstrated by microscopic examination of the centrifugalized sediment. The number observed were very few, 3 in one slide and but 1 in another, while the remaining 9 cover glasses were apparently free from this bacillus. It appears singular that positive results were not obtained by the intraabdominal injection of this sediment from which the cover glasses showing the tubercle bacilli were made. Wyssokowitsch, in his experiments regarding the quantity of bacilli requisite for the production of tuberculosis by injection into the peritoneal cavity, found that it required at least 30 bacilli for the transmission of the disease. Granting this conclusion, it is evident that the milk injected either did not contain a sufficient number of bacilli to cause the disease or that the bacilli were less vigorous or the guinea pigs more resistant than in the other experiments. It is also of interest to know that of the guinea pigs that succumbed to tuberculosis as a result of intraabdominal inoculations, 7 were injected with a mixture of milk and cream, 5 with centrifugalized cream alone, and the remaining 8 with the milk sediment.

If we eliminate the number of animals that were probably infected before they were vaccinated, and which died within forty-eight hours after the injection, also the number of deaths that were acknowledged by the stock owners to be the result of their own mistakes, the number of cases that died after vaccination is reduced to 2,538, or 0.45 per cent.

RABIES.

During the fiscal year rabies continued to exist in the District of Columbia and adjacent sections. In consequence of inoculation tests and microscopic examinations made with the medulla and plexiform ganglion, respectively, of suspected cases, the following positive results have been obtained:

Results of inoculation tests and microscopic examinations for rabies.

Date.	Record number.	Source.	Animal inoculations.	Histological examination.	Persons bitten.	Animals bitten.
1901.						
July 19	202	Dog.....	Positive.....	None made.....		
July 24	205	do.....	do.....	do.....	Boy.....	
Aug. 7	210	do.....	do.....	do.....		
Aug. 8	211	do.....	do.....	do.....		
Oct. 3	216	do.....	do.....	Positive.....	Girl.....	
Oct. 9	217	do.....	do.....	None made.....	Man.....	
Oct. 14	218	do.....	do.....	Positive.....	Man and woman.	3 dogs.
Nov. 29	220	Cow.....	do.....	None made.....		
1902.						
Jan. 24	222	Dog.....	do.....	Positive.....	Woman.....	
Jan. 24	223	do.....	do.....	do.....		
Mar. 4	224	Woman.....	do.....	do.....		
Mar. 20	225	Dog.....	do.....	do.....		2 dogs.
Mar. 28	228	do.....	do.....	do.....		
Apr. 3	230	Cow.....	do.....	None made.....		
Apr. 14	233	Dog.....	do.....	Positive.....		
Apr. 19	236	do.....	do.....	do.....	Man and child.	
Apr. 22	236	do.....	do.....	do.....		
May 7	241	Horse.....	do.....	None made.....		
May 14	243	Cow.....	do.....	do.....		
May 22	246	Dog.....	do.....	Positive.....		Several hogs.
May 31	247	Hog.....	do.....	None made.....		
June 4	249	Dog.....	None made.....	Positive.....		
June 13	250	do.....	Positive.....	do.....	Man.....	
June 18	252	do.....	do.....	do.....		Several dogs.
June 30	253	do.....	do.....	do.....		2 dogs.

GRASSHOPPER DISEASE FUNGUS.

The Division of Entomology has received the cooperation of this Division during the past year in efforts directed toward the eradication of the destructive grasshopper. A fungus isolated from a number of grasshoppers that were found diseased in the vicinity of Sterling, Colo., has been distributed in subcultures to the farmers in the infected districts, together with other locust fungi which the division of entomology obtained from South Africa. These molds have been kept alive in this laboratory, subcultures being furnished the Division of Entomology on request. During the past year over 780 tubes of fungi have been sent to 17 States in this country and some to several foreign countries.

EXPERIMENTS WITH PREVENTIVES FOR ANTHRAX.

Anthrax seems to be on the gradual increase in this country, and it would appear desirable for the Bureau to meet the great demand which has been constantly made by the cattle owners in the infected

districts for a preventive against the disease. Anthrax vaccination has been adopted to some extent in certain districts, but in a more or less desultory manner, and the fact that it has not become more popular is probably due to the questionable efficiency of these vaccines. In order to test the relative value of both an active and a passive vaccine, various experiments have been conducted in the laboratory with attenuated bacilli cultures prepared after the method of Pasteur, and also with the serum of previously immunized animals, following Sobernheim's and Selavo's experiments. The comparatively small amount of vaccinal product obtained by the latter methods, the uncertain results which followed when virulent cultures were inoculated into animals that had been treated with the serum, and the necessity for meeting a large demand should anthrax vaccine be distributed, have shown conclusively that Pasteur's method is preferable, even though it is necessary to handle the organism of anthrax by this method. These experiments have not been concluded, but it is believed that it will be possible, without any great expense, to meet the demand for this preventive treatment of anthrax by the beginning of the next anthrax season.

Owing to the susceptibility of man to this disease, and the extreme care with which an active vaccine the organism of which is virulent for man must be handled, it would seem desirable to cooperate with the experiment station veterinarians, State and assistant veterinarians, or other State sanitary officers rather than to distribute the vaccine directly to the stock owners.

PATHOLOGICAL EXHIBIT.

Considerable time was devoted to the preparation, installation, and supervision of an exhibit at the Pan-American Exposition at Buffalo, N. Y., and the South Carolina Interstate and West Indian Exposition at Charleston, S. C., representing the line of work of this laboratory and its practical application, especially to meat inspection and the preparation of blackleg vaccine.

DIAGNOSIS OF SPECIMENS AND ANSWERS TO INQUIRIES.

The amount of time that is required for this manner of work has been very great; and while it does not appear to any great advantage in a report of this nature, it has many beneficial results in disseminating important knowledge, and is greatly appreciated by those directly interested. During the past year there were 40,886 pieces of mail sent out by the Division with reference to the distribution of blackleg vaccine.

ZOOLOGICAL DIVISION.

PUBLICATION OF THE CARD CATALOGUE.

Owing to repeated requests from various sources, and also to the risk of fire in the laboratory building, it was decided to undertake the publication of our card catalogue, which has been so long in preparation and which is invaluable. This has involved a great amount of work in verifying references which were copied from various authors, and in making the abbreviations and style uniform. The "A" authors have already been issued, and "B" authors are in press, and the remaining authors are about ready for publication.

CONTINUATION OF EXPERIMENTS IN TREATING CATTLE, SHEEP, AND GOATS FOR ROUND WORMS.

The experiments in this line have been highly successful, and the results of the work have already been published. The treatment with a 1 per cent solution of coal-tar creosote has been found to be the most satisfactory of any of the methods tried in cases of infection with free nematodes in the fourth stomach. This method entails only one-fourth to one-ninth the manual labor that is required when the gasoline treatment is used, and it seems to involve less risk of accident to the animals. The medicine itself, when made up in large quantities, costs less than one-half cent per dose. A recent letter from Dr. Peters, of the Nebraska Experiment Station, states that upon reading the Bureau's account of this method of treatment, he tested the same for round worms in hogs and that it excels any other method known to him. The best results in case of infection with free round worms below the stomach were obtained by combined doses of creosote and thymol. No success was obtained in attempting to treat cases of infection with round worms encysted in the wall of the stomach or the intestines. All experiments with the most approved methods (intratracheal injections) of treating verminous bronchitis were also negative.

SURRA.

Owing to the diagnosis of surra among the army horses and mules in the Philippines, the zoological laboratory was suddenly called upon for an emergency report on this disease. An extensive report has been prepared and issued, and it is hoped that its contents will enable the prompt recognition of this disease should it appear in the United States.

HOOK-WORM DISEASE IN MAN.

Persons, such as miners, excavators, farmers, etc., whose daily work brings them in contact with moist dirt, are subject, in Europe, Asia, Africa, South America, and Central America, to a disease known under the various names of uncinariasis, anchyllostomiasis, brick-maker's disease, etc. A few cases of this malady have been reported for the United States, but it has been assumed that such cases were imported directly or indirectly from Europe. During this last year, however, we have been able to prove that this malady, as it occurs in the United States, is due to two distinct parasites. One of these is the Old World hook worm (*Uncinaria duodenalis*), so common in Italy and Africa, and the other is an endemic New World form, which Dr. Stiles, zoologist of the Bureau, has named *Uncinaria americana*. This disease is an important one from the agricultural standpoint because of its frequency in farm hands in certain countries, and the indications are that it is much more common in this country than has heretofore been supposed.

At the request of Dr. Walter Wyman, Surgeon-General of the United States Public Health and Marine-Hospital Service, the zoological laboratory has prepared an article upon this disease, giving an account of the structure and life history of the parasite, together with a discussion of symptoms, treatment, prevention, etc.

MISCELLANEOUS WORK.

The zoological laboratory has been called upon for the determination of a number of parasites of various kinds which have been sent

in by farmers, veterinarians, physicians, boards of health, etc., and has issued several publications describing some of the forms in question. The zoologist was also detailed to the United States Army Medical School, at the request of Surgeon-General Sternberg, to give a course of instruction in medical zoology to the newly appointed medical officers.

DETAILS TO SCIENTIFIC MEETINGS.

The zoologist was also detailed to represent the Department of Agriculture at the international zoological congress held in Berlin, Germany, in 1901, and has continued to serve on the international commission on zoological nomenclature.

THE BUREAU EXPERIMENT STATION.

During the year ended June 30, 1902, the station was compelled to give so much time to the work required of it by the several laboratories of the Bureau that practically no independent investigations of importance could be undertaken. This is true not only with respect to time, but also with regard to the space and facilities for properly handling experiments concerning a variety of infectious diseases.

In addition to testing a number of supposedly pathogenic germs on cattle, donkeys, hogs, sheep, and smaller experiment animals, investigations concerning the following diseases were conducted during the year: Hog cholera, swine plague, tuberculosis, tetanus, rabies, anthrax, Texas fever, foot rot of sheep, an infectious disease of horses resembling and probably identical with *maladie du coït*, and a number of affections of minor importance. Other work conducted by the experiment station was the growing of several varieties of cattle ticks; experiments with drugs for the removal of internal parasites from domestic animals; the production of antitoxic sera for the treatment of swine plague, hog cholera, tuberculosis, and tetanus; the care and protection from exposure to disease of animals for producing normal sera, and the breeding and rearing of numerous small experiment animals for the use of the Bureau laboratories.

MISCELLANEOUS DIVISION.

QUARANTINES.

The work of the quarantine stations during the past fiscal year shows a marked increase over that of the preceding year, more than double the number of cattle having passed through the various quarantine stations.

Quarantine station for the port of Baltimore.—Necessary repairs were made on the buildings, fences, water-supply apparatus, and loading and unloading chutes for this station, located at Halethorp, Md., where 227 head of Hereford cattle were comfortably quarantined.

Quarantine station for the port of New York.—The property at Garfield, N. J., which has been leased by the Government and maintained as a quarantine station for the port of New York since 1883, was vacated September 30, 1901. The transfer to the new station, having been in progress during the summer, was completed at this time. The active work of establishing the new quarantine station for the port of New York was begun April 1, 1901. Successful negotiations for a very desirable tract of land at Athenia, N. J., in the foothills of the Orange Mountains, 12 miles in a direct line from New

York, were conducted by the Bureau of Animal Industry, and the ground was purchased in six parcels from as many separate owners, at a price that was considered very reasonable for land so favorably located in that section.

Immediately after the preliminaries of plotting the ground, laying out the streets, and locating the buildings, the erection of six stables was begun and rapidly pushed to completion. These are of a substantial character and attractive design, constructed of brick, with bluestone trimmings, with front and rear entrances sufficiently wide to admit of the passage through them of a horse and cart, and have been built with a view to securing every possible advantage in the way of sanitation and hygiene. Four of them accommodate 11 cattle each and two 17 each. In addition, during the first half of the fiscal year substantial stone foundations, with cement floors for three larger buildings, were erected and temporary stables moved from the old station were placed on them, one having a capacity of 80 head of cattle, the other two 22 each. To these accommodations there were also added six frame stables, which were likewise removed from the old station, giving an additional capacity of 208 cattle.

At the close of the fiscal year it is found that cattle, sheep, and hogs in quarantine here, together with those for which permits have been issued, will occupy all of the available space; and it is the purpose of the Department to erect permanent structures of brick and stone of the same design as the first six stables, and of varying capacities, in order to accommodate both large and small importations, until this station shall afford ample room and proper facilities for quarantining all animals of the class requiring quarantine that shippers may desire to enter at the port of New York, and until permanent brick and stone stables shall have supplanted the old frame barns brought over from Garfield and put up to meet the immediate needs of the station.

The above 15 buildings have an aggregate capacity of 410 cattle when the box stalls are used for large bulls or single animals. They might, under certain conditions, as when two or more small cattle could be placed in a box stall, accommodate 425 cattle.

The Department has expended thus far for land, buildings, and improvements, including an adequate water system for all purposes, about \$61,000; and the appropriation by Congress, available July 1, will admit of the further erection of buildings and the continuance of improvements.

Quarantine station for the port of Boston.—This station is favorably located in a beautiful section of country at Littleton, Mass., and has received such attention, repairs, and improvements as were required to make it a desirable quarantine station, and, like the station at Baltimore, offers to importers advantages that are liable to be overlooked simply through the fact of a lesser prominence and popularity as a port of entry when compared with New York.

Animals quarantined.—The animals enumerated have all been subjected to inspection and quarantine, the length of the quarantine period being fixed in accordance with the requirements for the subdivision of the class to which they belong. The imports of animals from Canada not subject to quarantine at quarantine stations comprised 27,716 cattle, 148,313 sheep, 3,305 horses, 5,356 hogs, 2 dogs, 5 goats, 1 mule, and 2 moose; total, 184,700.

The following table shows the number and kinds of animals detained in quarantine for the requisite time:

Station.	Cattle.	Sheep.	Hogs.
Littleton, Mass	60	42	-----
Garfield, N. J	62	8	5
Athenia, N. J	588	118	7
Halethorp, Md	227	-----	-----
Port Huron, Mich	22	-----	-----
Detroit, Mich	2	2	1
Sault Ste. Marie, Mich	2	-----	-----
Ogdensburg, N. Y	1	-----	-----
Hogansburg, N. Y	6	-----	-----
Alexandria Bay, N. Y	4	-----	-----
Cape Vincent, N. Y	2	-----	-----
Buffalo, N. Y	49	-----	-----
Charlotte, N. Y	2	-----	-----
Richford, Vt	8	2	5
Newport, Vt	19	8	-----
Island Pond, Vt	1	5	3
Beecher Falls, Vt	101	1	-----
Houlton, Me	45	39	4
Vanceboro, Me	4	-----	-----
Calais, Me	4	6	1
San Francisco, Cal	5	-----	7
Total	1,214	231	33

There was also imported through the port of New York and quarantined, under the supervision of the superintendent of the Athenia, N. J., quarantine station, the following: Forty-six deer, 5 aoudads, 1 yak, 2 elephants from India, 2 wart hogs, 43 camels, 9 antelopes, 6 goats, 1 horned horse, 4 llamas, 2 alpacas, 1 wild boar, 1 chamois, 2 guanacos, 1 anoa, 7 caribou—total, 133 animals; through the port of Boston, Mass., and quarantined under the supervision of the superintendent of the quarantine station at Littleton, Mass., 6 deer, 1 camel, and 1 llama—total, 8 animals; at Philadelphia, Pa., and quarantined under the supervision of the inspector in charge for that port, where a special temporary quarantine was established for the purpose, 9 deer, 2 wart hogs, 6 camels, 1 horned horse, 1 water buffalo, and 1 thar—total, 20 animals; Detroit, Mich., 1 goat; San Francisco, Cal., 7 llamas. This makes a total of 1,649 imported animals that were quarantined.

The official veterinarian stationed at London, England, in accordance with the requirements of Bureau of Animal Industry Order No. 79, under date of November 10, 1900, which provides for the testing with tuberculin by an inspector of this Bureau of all cattle over 6 months old which are to be imported into the United States, has tested of the different breeds of pure-bred cattle in various parts of Great Britain 1,067 cattle, of which 139 reacted and 928 passed, as follows:

Breed.	Passed.	Re-jected.	Breed.	Passed.	Re-jected.
Shorthorn	84	27	Hereford	294	15
Jersey	191	1	Galloway	1	-----
Aberdeen-Angus	186	73	Dexter Kerry	15	-----
Ayrshire	25	8	Total	928	139
Guernsey	79	11			
Red poll	53	4			

In Canada the veterinarians of this Department tested with tuberculin 382 cattle, of which 355 passed and 27 reacted, as follows:

Breed.	Passed.	Re-jected.	Breed.	Passed.	Re-jected.
Aberdeen Angus	3	-----	Ayrshire	17	6
Jersey	24	-----	Durham	4	-----
Hereford	26	1	Grades	84	-----
Shorthorn	188	20			
Holstein	9	-----	Total	355	27

A VENEREAL DISEASE ON HORSES.

The work which the Bureau has been carrying on for the purpose of eradicating an infectious venereal disease of horses, which work has been continued throughout the year, has not given those results that it was hoped would be secured. The semiwild condition of much of the country over which the disease had spread, as comprised in the Rosebud and Pine Ridge Indian reservations, S. Dak., and other parts of South Dakota, Nebraska, and Wyoming, together with the prejudices and the lack of cooperation and aid that should have been given by the owners and others whose interests were to be served, proved serious hindrances.

Another obstacle consists in the methods of certain horse traders, who commence at the northwestern corner of the State of Nebraska with a mixed lot of horses, many of which are very inferior, and trade all the way across the State to the Missouri River, frequently giving two horses for one, thus leaving behind such animals as might have shown indications of disease or of being unsound, so that they would reach the Missouri River with a greatly improved band of horses and possibly scatter a number that were diseased along the route, as they aim to get rid of all suspicious animals before reaching the eastern border of the State.

Three diseased mares and one stallion have been shipped in from the Pine Ridge Indian Reservation to the experiment station of the Bureau, located at Bethesda, Md., for the purpose of giving opportunity for a closer clinical study of the disease and for procuring fresh material for laboratory investigation. The work in this connection has been of an encouraging character, but, owing to the fact that the stallion's condition rendered him valueless except for post-mortem work, this specimen of the disease was unsatisfactory. However, valuable progress has been made and work in these lines is being continued, and it is hoped that both the investigation as to the causative agent and its life history, as well as the attempt of the Bureau to stamp out the disease, will, as a result of broader and more aggressive operations, which are in contemplation for the early fall, soon meet with success.

During the year 10 diseased stallions were purchased and slaughtered, at an average cost of \$25 each, or \$250; 29 diseased stallions were castrated, and 76 diseased mares were purchased and slaughtered, at an average cost of about \$18.35, or \$1,395, making a total of \$1,645. Seven diseased mares were slaughtered, owners unknown, for which nothing was paid. At the close of the fiscal year, 15 diseased mares are held in quarantine to be disposed of.

MISCELLANEOUS WORK.

In addition to the work in connection with the animal quarantines as above, this division has a general supervision of the accounts and other work of the Bureau of Animal Industry, as follows: Salaries, reimbursement of expenses incurred by its officers and employees in travel and at various stations; apparatus and supplies for the various divisions, their laboratories, the experiment station, and quarantine stations; all accounts of every character that are paid from the appropriation for the Bureau of Animal Industry; the preparation of an itemized report to each Congress, showing in detail the character of expenditures and the use of the appropriation; the making out of all appointments, transfers, promotions, furloughs, reinstatements, resignations, and dismissals; the making of requisitions and securing of informal bids for all materials and supplies used throughout the work of the Bureau, and the necessary letter writing incident thereto. The division also has charge of the preparation of replies to numerous letters requesting information in regard to the diseases of animals and poultry, their causes and treatment, and various other matters pertaining to breeds, breeding, and care of domesticated animals and allied subjects. This is the character of the routine work performed each year.

DAIRY DIVISION.

The work of the dairy division during the fiscal year ended June 30, 1902, has resembled that of previous years so closely that it can be largely reported in the language formerly used.

A general survey of the condition of the dairy industry of the country at large was begun upon the organization of the division. This has been continued, and special inquiries have been made, such as the status of dairy organizations, dairy schools and facilities for technical instruction, State dairy laws, the development of foreign markets for the dairy products of this country, the milk supply of cities and towns and laws and ordinances relating thereto. Some reports have been printed and others are in course of preparation.

As heretofore, attention is given to the collection of dairy data in general, with a view to their proper arrangement and future use. So far as the clerical force of the office permits, the material collected has been indexed for ready reference. Although necessarily much in arrears, this catalogue of dairy information is of great value and in constant use.

The routine work of the office continues to increase, and has become so great as to be managed with some difficulty, even with the increased clerical force provided. This routine embraces general correspondence, with many requests for specific information from all parts of the country, preparing instructions for the dairy inspectors in the field, and attention to their reports, and the preparation of reports and other manuscripts for publication. During this year the division has prepared four distinct publications for distribution and nearly completed two others, the publication of which is necessarily somewhat delayed. These, collectively, comprise about 200 printed pages, nearly three-fourths of which first appeared in the annual report of the Bureau, and were separately reprinted. All have been liberally illustrated from original photographs obtained for the division or made by its officers.

Dairy centers in 15 different States have been visited during the year by the chief or assistant chief of the division, and conventions of dairy associations and similar bodies have been attended in 10 States. A special agent of the Bureau, on duty for this division, visited Japan, China, and the Philippines for the purpose of investigating market conditions and arranging for a series of experimental exports of dairy products from this country. Another special agent examined the conditions along the Canadian border, with reference to dairy products crossing the line in the course of exports. A third special agent made an investigation into the manufacture of certain kinds of cheese in Belgium and Holland.

Experimental exports of dairy products have been made to Japan, China, Cuba, and Porto Rico. This method of making known the better grades of these products has resulted in somewhat increased sales by merchants in San Francisco and New York, and some parties elsewhere, but inadequate or unsuitable transportation facilities, the destructive climates of some of the countries referred to, and other unfavorable conditions prevent any rapid increase in this trade. Japanese markets may well be further cultivated from the Pacific coast, but in China, aside from condensed milk, the fresh supplies from Australia possess advantages with which shipments from this country can not successfully compete. Inquiry by correspondence indicates that there are good opportunities for finding markets for dairy products from the United States in Mexico and South America, if proper exertions are made in that direction.

Commencing with this fiscal year, and in accordance with an act of Congress approved March 2, 1901, a system was inaugurated for inspecting dairy products offered for export, affixing stamps to the same, and certifying to the character and quality of the articles. The law states the object to be "ascertaining the purity and quality of such products," and "to secure their identity and make known in the markets of foreign countries, to which they may be sent from the United States, their purity, quality and grade." Although the authority granted may cover all dairy exports, it has been deemed expedient, at least for the present, to confine the certification to products which special inspection shows to be "pure, of high quality, and suitable for export." Special agents were accordingly appointed and placed on duty as "inspectors of dairy exports" at the ports of Boston, New York, and San Francisco, and also at Chicago. This service has been occasional only, or more or less continuous, according to the needs of the respective localities. During this fiscal year the relations of foreign markets to those of the United States have been rather abnormal, prices being such in this country as to prevent any considerable export of high-grade goods other than condensed milk and cream. While the service of these inspectors has therefore resulted in obtaining full information as to the character of our dairy export trade and the circumstances attending it, there have been few inspections requested by exporters, and still fewer certificates given.

At the request of the Secretary of the Navy, this Department has assisted in perfecting specifications and arranging for the execution of contracts for securing an improved supply of butter for the Navy. Inspectors representing this division have been stationed at the places of manufacture, and have seen that only butter of extra quality has been packed and delivered under these contracts. The result has been that the butter in naval stores has been of a higher average

quality than ever before, while the cost of the same has been relatively low—a decided saving over the system of previous years.

Incident to the experimental exports and the inspection service noted, a large number of chemical analyses of milk, condensed milk, and cream, butter, and cheese have been necessary. This work has been accomplished by the dairy laboratory of the biochemic division of this Bureau, where a chemist and laboratory assistant have been kept constantly employed. In this connection special studies have been made of the products of nearly all dairy countries of the world, as found in many foreign markets. Experimental studies have also been made of the essential differences between (natural) butter, renovated butter, and butterine or oleomargarine, and the most practical methods of distinguishing or identifying these different articles.

At the Pan-American Exposition at Buffalo the dairy division contributed a portion of the exhibit of this Bureau and provided for its arrangement. Later the same exhibit was made at the Charleston Exposition.

The act of Congress approved May 9, 1902, by its section 5 (and incidently under sec. 4), places certain specific and important duties upon the Secretary of Agriculture relating to the manufacture, interstate commerce, and export of "renovated butter," and the details of administration have been assigned to the dairy division. The work resulting from this action will be noted later.

Disconnected officially with this office, and yet closely related to it, has been certain work performed during the year in connection with the Twelfth United States Census. The chief of this division received from the Director of the Census early in the year 1900 an appointment as expert special agent (without compensation) in charge of the statistics of butter, cheese, and condensed-milk factories. Advisory and supervisory duties were performed accordingly, from time to time, ending with the preparation of a report upon the establishments of the class indicated, and the data obtained from them in the division of manufactures, which was published in June as Census Bulletin No. 189. This office was also frequently consulted by the agricultural division of the Census as to editing the dairy data collected from farms.

The work of the dairy division during the fiscal year 1902-3 will embrace, in large measure, a continuation of that of previous years and also include several material additions.

The condition of the dairy industry in the United States will be studied in all its aspects, with a view to determining the most favorable opportunities for progress and improvements and assisting in their accomplishment so far as practicable. The dairying of other countries must also be observed, productive conditions noted, the demands of consumption and of all foreign markets watched, and such action taken as is possible in the interest of extending foreign trade in dairy products. Relations will be maintained with State dairy officials, with the voluntary organizations of dairymen, and with the dairy schools in numerous States, in order to be informed of their proceedings and cooperate with them so far as may be advisable. The investigations of the agricultural experiment stations along dairy lines will be closely watched, and facts collected which may be usefully disseminated.

This division will conduct investigations by itself or in cooperation with suitable agencies. It is proposed in particular to study the methods of preparation, chemical composition, and keeping quality

of creamery butter, and special methods of preparing and packing butter for export to warm climates; also to test the recommended methods of curing cheese at low temperature.

The very important subject of municipal milk supply needs further attention, and the preparation of a special report upon it is intended.

Other reports are also in preparation and proposed. Among them will be a compilation of dairy statistics of this and other countries, and the latest available.

¶ The inspection of dairy products exported from this country, which has been largely experimental during the past year, is expected to assume a systematic condition during the present one. Much depends, however, upon the dairy markets at home and abroad, and the commercial conditions which influence the export trade.

Inspection of the manufacture and interstate commerce of renovated butter will be begun at once under act approved May 9, 1902, going into effect July 1, 1902. In this connection it is proposed to make special exertions to have all renovated butter hereafter exported from this country so thoroughly stamped, marked, and labeled as to insure its commercial identity, and make known its true name and character to buyers and consumers, so long as the merchandise is within the jurisdiction of the United States; also to inform the principal importers of foreign countries, and of Great Britain in particular, in regard to the law and the action thereunder by this Department.

	Salaries.	Traveling expenses.	Miscellaneous.	Total.
Meat inspection.....	\$594,693.06	\$2,202.08	\$43,345.65	\$640,240.79
Microscopic inspection.....	118,985.25	49.48	4,004.75	123,039.48
Export cattle inspection.....	60,538.76	688.53	4,817.72	66,045.01
Import cattle inspection.....	13,919.50	3,701.60	105.50	17,726.60
Contagious diseases inspection.....	84,210.90	22,995.47	1,387.03	108,593.40
Contagious diseases of horses.....	4,278.27	1,568.42	1,780.08	7,626.77
Washington and miscellaneous.....	25,028.08	4,684.69	8,637.45	38,350.22
Scientific investigations.....	20,643.68	1,550.84	9,514.04	31,708.56
Experiment station, Bethesda, Md.....	12,196.98	6,979.66	15,174.76	27,351.40
Dairy division.....	7,202.50	1,639.58	8,297.67	16,916.91
Hog cholera serum experiments.....	2,560.00	904.62	1,644.14	5,108.76
Experiments in animal nutrition.....				
Total.....	951,236.64	39,985.31	99,608.79	1,090,830.74

STATUTORY SALARIES—BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.									
D. E. Salmon	Chief of Bureau	July 1, 1896	.		\$4,000				
A. D. Melvin	Assistant chief of Bureau	Jan. 1, 1899			2,500				
S. R. Burch	Chief clerk	Jan. 1, 1897			2,000				
A. M. Farrington	Chief of inspection division	Jan. 1, 1899			2,500				
E. B. Jones	Assistant chief inspection division.	Aug. 16, 1895			1,800				
H. E. Alvord	Chief of dairy division	July 1, 1895			2,500				
R. A. Pearson	Assistant chief dairy division.	Sept. 1, 1895			1,800				
V. A. Nörgaard	Chief of pathological division.	July 1, 1899	Nov. 15, 1901		2,500				
Ch. W. Stiles	Zoologist.	Jan. 1, 1900			2,250				
Do.	Chief of pathological division.	Dec. 1, 1901			2,500				

^a Including vouchers paid to October 1, 1902.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

STATUTORY SALARIES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
WASHINGTON, D. C.—cont'd.								
Alice M. Winfield	Assistant in pathological division.	Feb. 15, 1900			\$1,200			
Thomas B. Reamy	do	July 1, 1893			840			
E. A. de Schweinitz	Chief of biochemic division.	July 1, 1899			2,500			
James A. Emery	Assistant in biochemic division.	Jan. 1, 1901			1,600			
McP. Reynolds	do	do			1,400			
Nellie F. Haughton	do	do			1,300			
Beatrice C. Oberly	do	July 1, 1901			1,300			
B. B. Bagby	do	Jan. 1, 1901			720			
R. W. Hickman	Chief of miscellaneous division.	Sept. 1, 1893			2,000			
John R. Mohler	Veterinary inspector	June 1, 1900			1,800			
Do	Zoologist.	Dec. 1, 1901			2,250			
Albert Hassall	Veterinary inspector	July 1, 1899			1,600			
Do	do	Dec. 1, 1901			1,800			
Henry J. Washburn	Inspector	June 16, 1901			1,400			
Do	Veterinary inspector	Dec. 1, 1901			1,600			
John S. Buckley	do	Dec. 1, 1900			1,400			
John W. Fink	do	June 16, 1901			1,400			
E. C. Schroeder	Superintendent experiment station.	July 1, 1901			2,000			
George W. Brett	Assistant at experiment station.	Mar. 16, 1901			1,000			
George F. Thompson	Editorial clerk.	July 1, 1899			1,800			
Wm. S. D. Haines	Illustrator	July 1, 1896			1,400			
Margaret L. Sowell	Library clerk and cataloguer	Apr. 12, 1902			840			
H. H. Gerdies	Clerk	Apr. 1, 1897			1,800			
James M. Pickens	do	Oct. 10, 1900			1,600			
Fannie N. Gregory	do	July 1, 1898			1,400			
Evelyn Lyons	do	do			1,400			
Mary Sullivan	do	Apr. 1, 1897			1,400			
Chas. C. Carroll	do	Oct. 10, 1900			1,200			
Mary T. Dent	do	Mar. 1, 1893			1,200			
Martha H. Mahon	do	Apr. 1, 1897			1,200			
Mary G. Marshall	do	July 1, 1897			1,200			
Claude F. Morris	do	July 1, 1900			1,200			
Mary N. Barnard	do	July 1, 1890			1,000			
Mary E. Fagan	do	Sept. 21, 1897			1,000			

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY.

a Per month.

WASHINGTON AND MISCELLANEOUS.							
Mary C. Montgomery	do	July 1, 1898	\$1,000				
Edwin J. Newmyer	do	July 1, 1901	1,000				
George M. Ruffin	do	Jan. 1, 1901	1,000				
Thomas A. Scott	do	Sept. 15, 1900	1,000				
Benjamin Wasdon	do	Jan. 4, 1897	1,000				
Anna C. Crain	do	June 20, 1899	840				
Wilmer E. Griffith	do	Sept. 21, 1901	840				
Abbie R. Knapp	do	Apr. 1, 1901	840				
Carrie Myers	do	Apr. 10, 1901	840				
Wilford J. Nevius	do	Aug. 15, 1901	840				
John Roberts	do	May 1, 1901	840				
Eunice R. Oberly	Laborer	Aug. 27, 1900					
Do.	Clerk	Aug. 1, 1901	a \$40.00				
George I. Hall	Fireman	Jan. 1, 1896	840				
James S. Lee	do	July 1, 1900	720				
Chas. C. Croghan	Messenger	do	720				
Asa H. Kite	do	July 1, 1896	720				
Wm. C. Shimoneck	do	Apr. 3, 1897	720				
Wm. P. Stedman	do	July 1, 1896	720				
Lena B. Goetz	do	do	660				
Geo. W. Scheerer	Skilled laborer	Jan. 16, 1898	660				
WASHINGTON AND MISCELLANEOUS.							
Joseph Abel	Clerk	July 1, 1900	\$1,400				
Louise Breedin	do	July 1, 1898	1,400				
I. C. I. Evans	do	Oct. 10, 1900	1,400				
Iring Frickey	do	do	1,400				
Frank R. Fravel	do	July 1, 1901	900				
Granville H. Parks	Architect	Mar. 1, 1901	1,400				
Geo. M. Rommel	Expert animal husbandry	July 1, 1901	1,200				
Edw. J. Maloy	Messenger and custodian of supplies	do	1,000				\$18.30
R. E. L. Thompson	Carpenter	June 16, 1901	1,000				
George W. Pope	Superintendent	Sept. 15, 1900	1,600				
Wm. H. Wade	do	Mar. 9, 1893	900				
John Boyd Kay	Agent	Apr. 10, 1901	900				372.50
Chas. S. Weidman	Blacksmith	June 10, 1901	900				900.00
Ernest E. Rue	Stock examiner	Oct. 1, 1901	900				372.50
Edgar Gill	Tagger	Mar. 20, 1899	720				208.00
Paul A. Hines	Laborer	July 1, 1900	720				720.00
Sallie R. Reeves	do	May 16, 1901	720				720.00
John H. Gaskins	do	May 1, 1898	600				600.00
Cornis W. Towers	do	Nov. 16, 1900	600				600.00

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON AND MISCELLANEOUS—continued.									
Aug. L. Dahler	Laborer	Oct. 1, 1900			\$480		\$480.00		
Willena Mozee	do	Jan. 4, 1901			480		480.00		
Martha Barrett	Charwoman	Feb. 1, 1900			240		240.00		
Eliz. Fleming	do	Sept. 13, 1900			240		300.00		
Do	do	Oct. 1, 1901			480		480.00		
Ida E. Hendley	do	Feb. 1, 1899					480.00		
Frank W. Bicknell	Special agent	Nov. 1, 1901		\$200.00			1,593.34		
W. J. Kennedy	Expert	do		100.00			800.00		
A. F. E. Silliman	Telegraph and telephone operator.	Sept. 3, 1901	Oct. 6, 1901	100.00			112.68		
Rosalie T. Clements	Artist	Aug. 7, 1901	Sept. 8, 1901	75.00			75.48		
Royal G. Stedman	Laborer	July 1, 1901		60.00			720.00		
A. H. Hollidge	do	do		50.00			600.00		
John L. Taylor	do	June 12, 1901	July 11, 1901	50.00			17.74		
Robt. R. Whittleton	do	July 1, 1901		50.00			600.00		
Corinne E. Eaton	do	Jan. 1, 1901		40.00			480.00		
Cornelius Curtis	do	Sept. 3, 1901		30.00			28.00		
Nettie Headley	Charwoman	Sept. 5, 1901		20.00			12.67		
James K. Kerr, jr	Plumber	Feb. 1, 1901		3.50			528.50		
Harry F. Hume	Laborer	do		2.00			122.00		
Joe Griffin	do	do		1.50			56.25		
James Massie	do	do		1.50			26.25		
L. A. Pepon	do	do		1.50			12.00		
Oscar A. Phillips	do	Dec. 21, 1898	Mar. 3, 1902	1.50			180.00		
Jared F. Skidmore	do	Oct. 31, 1901		1.50			312.00		
James Wilson	do					Traveling expenses		\$57.25	
D. E. Salmon	do					do		312.41	
A. D. Melvin	do					do		692.07	
S. R. Burch	do					do		202.22	
Frank W. Bicknell	do					do		1,534.35	
Geo. M. Rommel	do					do		216.73	
Joseph M. Good	do					do		28.15	
S. E. Bennett	do					do		27.25	
W. C. Pennywitt	do					do		24.05	
L. C. Corbett	do					do		5.15	
S. G. Hendren	do					do		3.08	
Geo. F. Thompson	do					do		32.75	
G. H. Parks	do					do		21.20	

H. A. Christmann	do	7.50
James K. Korr, Jr.	do	137.78
A. G. Richardson	do	49.80
R. W. Hickman	do	105.65
Baltimore and Ohio R. R. Co.	Freight and passenger transportation.	142.30
Pennsylvania R. R. Co.	Transportation, Salmon, Burch, et al.	\$63.72
International Nav. Co.	Transportation, F. W. Bicknell.	347.85
Michigan Central R. R. Co.	Transportation, Melvin, Burch, et al.	186.50
New York, New Haven and Hartford R. R. Co.	Transportation, Hickman, Burch, and Rommel.	81.25
The Cleveland, Cincinnati, Chicago and St. Louis Rwy.	Transportation, Melvin, Burch, and Rommel.	35.25
The Missouri Pacific Rwy Co.	do	27.50
Chicago, Burlington and Quincy R. R. Co.	do	16.90
Chicago and Northwestern Rwy Co.	Transportation, Melvin and Burch.	15.65
Chicago, St. Paul, Minneapolis and Omaha Rwy.	do	23.89
The Lake Shore and Michigan Southern Rwy Co.	do	21.84
Terre Haute and Indianapolis R. R.	do	19.00
Santa Fe, Prescott and Phoenix Rwy.	do	15.00
Southern Pacific Co.	Transportation, Melvin	45.45
The Chesapeake and Ohio Rwy Co.	do	54.35
Union Pacific R. R. Co.	do	27.00
The Texas and Pacific Rwy Co.	do	18.00
The Colorado and Southern Rwy Co.	do	18.40
The Atchison, Topeka and Santa Fe Rwy.	do	13.90
Choctaw, Oklahoma and Gulf R. R.	do	10.60
New York Central and Hudson River R. R. Co.	Transportation, S. R. Burch.	4.13
Chicago and Alton Rwy Co.	Transportation, Rommel	9.89
The Minneapolis and St. Louis Rwy Co.	do	7.50
The Wabash R. R. Co.	Transportation, Rommel and Thompson.	10.65
		63.00

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON AND MISCELLANEOUS—continued.									
Illinois Central R. R. Co.						Transportation, J. H. Brigham.		\$7.00	
The Pullman Co.						do.		4.50	
Delaware, Lackawanna and Western R. R.						Freight on wire fencing.			\$36.47
Electro Tint Engraving Co.						Illustrations for bulletins.			1,840.00
Page Woven Wire Fence Co.						Fencing, rods, and tools.			676.76
Church & Stephenson.						Lumber.			610.33
The Beveridge Lumber Co.						Cedar posts.			213.28
United States Envelope Co.						Envelopes.			397.38
John C. Parker						Stationery.			320.71
E. G. Schafer & Co.						Plumbers' supplies.			241.58
Thos. Somerville & Sons.						do.			286.74
The Chesapeake and Potomac Telephone Co.						Telephone rental.			204.68
W. C. Bailey									
Geo. E. Howard & Co.						Manuscript Angora goats.			240.00
Rudolph, West & Co.						Drawings for bulletins.			180.00
Wyckoff, Seamans & Benedict.						Hose, brooms, and tools.			175.23
The S. F. Smith Co.						Typewriter and supplies.			158.80
Adams Express Co.									
United States Express Co.						Typewriter paper.			156.25
The Geo. W. Knox Express Co.						Expressage.			109.70
Wm. H. Sheldon						do.			78.70
E. Voigt						do.			26.25
Peter Gray						Rubber bands.			110.16
Z. D. Gilman						Officers' badges.			95.00
The Alpha Photo Engraving Co.						Cooling machine.			100.00
Wagner Typewriter Co.						Thermometers, syringes, etc.			31.25
W. B. Moses & Sons						Half-tone engravings.			90.00
Publishers and Printers' Engraving Co.									
Woodward & Lothrop						Typewriter and supplies.			89.50
R. Carter Ballantyne						Rugs and matting.			86.30
						Photographs of cattle.			83.77
						Desks, chairs, and soap.			83.54
						Books, pens, paper, and wax.			83.89

R. P. Clarke Co.	Towels and toweling	78.35
Antietam Paper Co.	75 reams paper	76.50
Western Union Telegraph Co.	Telegrams	75.32
United States Electric Lighting Co.	Electric current	66.43
Fred A. Schmidt	Builders' material	53.11
R. P. Andrews & Co.	Copying books	49.20
D. Frank Parker	Typewriter paper	45.00
The New York and New Jersey Telephone Co.	Telephone service	33.10
Thos. R. Riley	Cedar posts	31.50
Capital Traction Co.	Street-car tickets	30.00
James H. Ellsworth	Towel laundry	29.70
Richard L. Lamb	Stamp racks and daters	29.45
Library Bureau	L. B. cards	29.60
H. C. Davison & Co.	Copying books	26.72
Barber & Ross	Hones, hammers, and tacks	26.29
Eberhard Faber	Penholders and bands	24.59
Burrell's Press Clipping Bureau.	Clippings	21.40
C. S. Braisted	Pencils	20.58
Geo. W. Millar & Co.	Manila paper	20.00
John T. Springmann, jr., & Bro.	Grate bars	17.15
Postal Telegraph Cable Co.	Telegrams	13.10
The Pullman Automatic Ventilator Co.	3 ventilators	15.00
C. P. Bailey	2 Augora goat skins	12.00
Yawnian & Erbe Manufacturing Co.	Ruled cards	11.00
Chas. P. Grose	Repairing chairs, etc	11.00
Robt. H. Van Schaack	Cup sponges	14.00
The J. C. Ergood Co.	Mattels	10.80
Chas. R. Edmonston	Trunk basket and stand	8.50
M. Du Perow	Electrical supplies	8.83
Matt. S. Lantz	2 horses	4.50
Wm. A. Dixon	Photos of sheep	8.00
Hugh Reilly	Irish glue	7.50
J. P. Nawrath	Cotton twine	7.00
Louis Hartig	Iron clamps	7.35
The Hammond Typewriter Co.	Typewriter stands	7.00
United Typewriter and Supply Co.	Repairing typewriters	5.98
Eureka Blotter Bath Co.	Copying cloths	7.20
A. L. Kitchin	Rubber tires	7.00
Henry Evans	Special sponges	6.84
Southern Printers' Supply Co.	Electro engravings	5.21
Blue Line Transfer Co.	Express and drayage	4.86
News Publishing Co.	Advertising proposals	3.42

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON AND MISCELLANEOUS—continued.									
Mackall Bros						Nail brushes and roach powder.			\$4.50
Littlefield, Alvord & Co						Hauling			4.41
American Flag Co						National ensign			3.25
The National Engraving Co.						Engraving six drawings			4.87
Wm. H. Rupp, estate of						Copying pads			4.02
E. Morrison Paper Co						Starboard			3.75
Lansburgh & Bro.						Initials for marking			2.45
J. R. Herndon						Photos of goats			2.50
The Maurice Joyce Engraving Co.						Engraved plates			1.50
Dean Thompson						Photos of cattle			1.50
Geo. F. Muth & Co						Sash tools			1.98
John Underwood & Co.						Stylographic ink			1.50
Chas. W. Wagner						Crude oil			1.15
Erie R. R. Co.						Freight on hose, etc			1.24
The Burnet Co						Electric bells			1.00
M. P. Bush						Sand soap			.95
N. H. Shea						Scouring compound			.90
Manhattan Electric Supply Co.						Copper wire			.94
Rufus B. Morehart						Post-route map			.80
L. P. Roost						Freight			.50
New York Cycle Co						Springs and rollers			.50
John Woerner, jr						Padal and lock			.40
Southern Electrical Co						Pliers			.63
Neely Electrical Co						Desk buttons			.40
The Public Printer						Bulletins and binding			693.44
Total							\$25,028.08	\$4,684.69	8,637.45
EXPERIMENTS IN ANIMAL NUTRITION.									
Henry P. Armsby		July 1, 1898		\$1,000			1,000.00		
J. August Fries	Expert in animal nutrition. Expert assistant in animal nutrition.	July 1, 1899		840			840.00		

	do	July 1, 1901	a 35.00 b .25						
C. W. Norris	Assistant in animal nutrition								420.00
John B. Robb									300.00
Total									2,560.00
SCIENTIFIC INVESTIGATIONS.									
Marion Dorset	Assistant, biochemic division	July 1, 1901							
Henry J. Washburn	Inspector	June 16, 1901							
George B. Morse	Assistant inspector	Aug. 15, 1899							10.55
Ernest W. Brown	Expert investigator, poultry feeding	Oct. 16, 1900							20.45
James R. Stewart	Expert in laboratory work	Feb. 15, 1900							
C. N. McBryde	Clerk	Sept. 1, 1901							
W. R. Brandenburg	Expert in biochemic division	July 1, 1901							
Eunice K. Oberly	Laborer	Aug. 27, 1900							
Do	Clerk	Aug. 1, 1901	a 40.00						
W. S. Stamper	Messenger, biochemic laboratory	Jan. 1, 1900							
S. D. Castleman	Laborer	July 1, 1900							
Owen R. Perry	do	Sept. 16, 1901							
Geo. W. Stiles, jr	Scientific aid	June 1, 1901							
Albert M. West	do	June 29, 1901							
Do	do	May 1, 1902	a 60.00						
Jennie Jones	Charwoman	July 1, 1900							
Louise Douglas	do	Oct. 1, 1897							
Kate Wasson	do	July 1, 1900							
B. M. Bolton	Expert assistant, biochemic division	Nov. 1, 1901	a 75.00						
Do	do	May 1, 1902							
Marcus W. Lyon, jr	Aid	June 1, 1901	a 125.00						
Sam'l. F. Chapman	Scientific aid	Aug. 1, 1901	a 50.00						
F. E. Montgomery	Assistant laboratory expert	June 1, 1902	a 40.00						
Ausey H. Robnett	Medical clerk	May 10, 1902	a 40.00						
Chas. A. Pfender	Student assistant	Aug. 1, 1901	a 25.00						
Do	Assistant hemithological expert	Apr. 1, 1902	a 40.00						
H. L. Watson	Student assistant	Oct. 19, 1901	a 25.00						
Do	Assistant helminthological expert	Apr. 1, 1902	a 40.00						
James M. Perry	Watchman	Sept. 23, 1901							
Do	Classified laborer and gardener	Feb. 1, 1902	a 60.00						
Annette M. Dye	Laborer	Sept. 16, 1901	a 60.00						
Walter L. Siewers	do	July 1, 1901	a 60.00						
Fanny Tyson	do	May 1, 1900	a 60.00						
Wm. Alexander	do	July 1, 1898	a 50.00						
P. D. Encke	do	Jan. 19, 1901	a 50.00						
Alice Henderson	do	Feb. 26, 1900	a 50.00						
Victorine E. Johnson	do	Apr. 16, 1901	a 50.00						

b Per hour.

a Per month.

B. B. Earnshaw & Bro.	White oats	113. 16
Wm. Bartels	Baboons and monkeys	192. 00
Ernest Betz	Incubator and pans	138. 50
H. Vincent & Co.	Yearling calves	283. 85
Church & Stephenson	Lumber	105. 00
Houghton & Delano	Photographic supplies	72. 47
Beverly Waugh	Yearling calves	50. 00
E. G. Schafer & Co.	Sinks, pipe, and lead	46. 88
Chas. R. Edmonston	Filter tubes, jars, and pans	43. 89
Thos. Somerville & Sons	Drying bath, valves, and disks	47. 94
Woodward & Lothrop	Couch, desk, and chair	34. 75
The Chesapeake and Potomac Telephone Co.	Telephone rental	30. 53
D. E. Salmon	Sorrel horse	23. 50
Huntley Oil and Refining Co.	8 barrels crude petroleum	24. 00
A. L. Webb & Sons, Branch	1 barrel alcohol	23. 14
The American Distributing Co.	do	22. 95
Harry Briggs	Yearling calf	25. 00
R. P. Clarke Co.	Towels and linen	23. 84
Parker, Davis & Co.	Thymol tablets	25. 50
E. Morrison Paper Co.	Cardboard and paper	22. 00
W. B. Moses & Sons	Cabinet file and shades	21. 00
Dufur & Co.	Animal cages	23. 00
Queen & Co., Inc.	Thermometers and pipettes	21. 71
Library Bureau	Guides and pockets	21. 43
Rudolph West & Co.	Hardware	22. 00
W. E. McDowell	Exterminating rats	20. 00
Yawnan & Erbe Manufacturing Co.	Guides and cards	19. 28
Elmer H. Cathin & Co.	Repairing incubator	12. 00
Edw. S. Schmid	Ferrets and white mice	11. 20
Philip Lindemeyer	Tag board	15. 00
C. Dorfinger & Sons	Bottles and corks	12. 35
Wm. Mattson	15 rabbits	11. 25
Emil Greiner	Pipettes and tubes	11. 70
Hugh Reilly	Gasoline and glass	11. 81
The Baker & Adamson Chemical Co.	1 crucible	10. 00
James B. Lambie	Buckets and packing material	9. 41
C. A. Schneider's Sons	Steam pans	9. 00
C. H. Zink	2 sheep and crates	7. 65
R. Carter Ballantyne	Eraser and red wax	5. 13
D. Frank Parkey	Mimeograph material	4. 70
E. F. Vermillion	Inspecting boiler	5. 00
Wagner Typewriter Co.	Type, etc. for typewriter	5. 00
Chas. Lentz & Sons	Sharpening knives	3. 05
J. Ellwood Lee Co.	Nonabsorbent cotton	3. 00
James S. Topham	Locks and clasps	2. 70

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
SCIENTIFIC INVESTIGATIONS—continued.									
F. W. Devoe & C. T. Raynolds Co.						Paint brushes.			\$2.57
J. P. Nawrath						Red tape.			1.80
Pearre E. Crowl Co.						Cushion rubber.			1.75
Wm. H. Dyer						Window cases.			2.00
The Kny-Scheerer Co.						Formaldehyde.			1.50
Manhattan Electrical Supply Co.						Copper wire.			1.10
Fred A. Schmidt						Galvanized-iron sink.			1.20
Gaylord Bros.						Adhesive paper.			.50
J. T. Walker Sons.						1 barrel lime.			.75
Barber & Ross.						Brass tubing.			.70
The Geo. W. Knox Express Co.						Expressage.			.50
E. Krauser & Bro.						Extract of smoke.			.50
Geo. F. Muth & Co.						Glue.			.20
The Public Printer.						Bulletins and binders.			1,828.67
Total.							\$20,643.68	\$1,550.84	9,514.04
EXPERIMENT STATION, BETHESDA, MD.									
W. E. Cotton.	Assistant superintendent, experiment station.	Mar. 1, 1901			\$1,400		1,400.00		
Taylor Trice	Skilled laborer.	July 1, 1898			720		720.00		
John Richards	Laborer	July 1, 1896			500		500.00		
Herbert Henderson	do	Apr. 16, 1901			480		480.00		
J. A. Moxley	do	July 1, 1900			a \$60.00				
Jno. W. Shipley	do	Oct. 10, 1901			a 50.00				
do	do	July 16, 1901			a 60.00				
do	do	Jan. 1, 1900			a 50.00				
Harry B. Myers.	do	do	Aug. 8, 1901		a 50.00		600.00		
J. W. Stewart.	do	do	do		a 50.00		62.90		
C. M. Thomas	do	Aug. 9, 1901			a 50.00		532.26		
Wm. R. Poore	do	July 1, 1901			a 45.00		540.00		
H. E. Sutt	do	do	Nov. 15, 1901		a 45.00		202.50		
Fritz Voigt	do	do			a 45.00		540.00		
Geo. M. Stadler.	do	Nov. 22, 1900			a 40.00		480.00		

B. E. Beckwith	do	Jan. 1, 1900	July 6, 1901	a 35.00		6.77	
Frank Clark	do	Oct. 7, 1901	June 23, 1902	a 35.00		297.80	
Frank Matthews	do	June 25, 1901		a 35.00		447.50	
Do	do	Jan. 15, 1902		a 40.00			
James B. Birch	do	Feb. 1, 1900		a 30.00		360.00	
James Branch	do	July 17, 1899	Jan. 11, 1902	a 30.00		183.87	
E. V. Caywood	do	Mar. 17, 1902		a 30.00		103.55	
John Fletcher	do	Sept. 1, 1899		a 30.00		387.58	
Do	do	Jan. 15, 1902		a 35.00			
John Hill	do	May 27, 1901	Nov. 26, 1901	a 30.00		30.00	
Horace Jefferson	do	July 25, 1901	Aug. 15, 1901	a 30.00		19.36	
Wm. J. Kirby	do	Aug. 20, 1901		a 30.00		306.08	
Wm. T. Pugh	do	Aug. 8, 1899		a 30.00		387.58	
Do	do	Jan. 15, 1902		a 35.00			
L. A. Pyle	do	Aug. 1, 1900	Sept. 14, 1901	a 30.00		74.00	
Wm. H. Pyles	do	Apr. 27, 1900		a 30.00			
Do	do	Jan. 15, 1902		a 35.00		387.58	
Wm. F. Robbins	do	Apr. 1, 1902	June 30, 1902	a 30.00		89.00	
James Samuel	do	July 29, 1901		a 30.00		335.81	
August Voigt	do	July 22, 1901		a 30.00		367.26	
Do	do	Jan. 15, 1902		a 35.00			
John Warren	do	Apr. 6, 1900	July 16, 1901	a 30.00		15.48	
Perry Collins	do	May 2, 1901	Nov. 30, 1901	2.50		307.50	
Richard E. Seck	do	do		2.50			
Do	do	Dec. 1, 1901		a 40.00		593.75	
H. P. Pillsbury					Hay, corn, meal, and bran		10,250.90
F. P. Shea					Cattle, horses, and hogs		1,005.00
E. C. Schroeder					Station expenses		103.88
C. B. Peirce					Salt, wheat, and straw		804.90
Church & Stephenson					Lumber		604.35
The Chesapeake and Potomac Telephone Co.					Telephone rental		225.65
Rudolph, West & Co							175.51
N. Nailor					Hardware		200.00
Wm. Lochte					Stallion and horse		131.33
United States Electric Lighting Co.					Repairing and horseshoeing		122.80
Edw. B. Markham					Electric current		
A. Wilson & Bro.					30 hogs and 1 boar		122.00
A. Y. Gray					75 tons coal		483.31
Z. D. Gilman					30 hogs		112.50
National Electrical Supply Co.					Syringes, thermometers, etc		92.77
Wm. Hollis & Co					Motor and belting		118.50
Mackall Bros					25 pigs		62.50
W. B. Moses & Sons					Alcohol and chloroform		30.51
R. V. Rusk					Papering 3 rooms		50.00
R. W. Burrell					Excavating cesspool		50.00
Estate of W. T. Brooke					Drain pipe and cement		49.85
Clark & Davenport					Seed rye, roller, plow, etc		48.88
Edw. S. Schmid					Wilton rug		36.65
					Feed, birds, and cages		24.50

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPERIMENTAL STATION, BETHESDA, MD.—cont'd.									
Bausch & Lomb Optical Co.						Carbolic, pipes, and dishes			\$29.50
Standard Oil Co.						5 barrels oil			26.20
Geo. F. Muth & Co.						Lanterns, putty and lead			18.20
Lutz & Co.						Bridle, reins and repairing			17.50
The Kny-Scheerer Co.						Syringes and barrels			14.60
Wm. H. Fyles, Jr.						Cabbage			13.20
D. P. Collins						1 cow			13.00
American Flag Co.						National ensign flags			11.60
The W. H. Butler Co.						Carriage paint and oil			10.00
Wm. W. Jackson						Pump rod			9.45
Thos. Somerville & Sons						Elbows and gate valves			7.75
Jno. C. Parker						Letterpress and tags			6.92
Littlefield, Alvord & Co.						Hauling and freight			5.38
Barber & Ross						Locks and hammers			5.00
R. B. Walter						1 cow			5.00
The J. C. Eygood Co.						Ivory soap			5.00
Francis Miller						Turpentine			4.85
James B. Lambie						Buckets and packing materials			4.50
The Burnet Co.						Bells and batteries			3.00
E. C. Keys						Moving horses			2.40
L. G. Orndorff						Plaster and Paris green			1.25
Elmer H. Catlin & Co.						Emasculators			
Total							\$12, 196.98		15, 174.76
DAIRY DIVISION.									
George E. Patrick	Assistant chemist	July 1, 1901			\$1,800		1,690.00		
B. M. Bolton	Export	do			1,000		400.00		
Frank E. Emery	Special expert agent	Mar. 16, 1901					437.50	\$157.14	
M. W. Lang	Special agent	Oct. 16, 1901					375.00	160.77	
F. Van Valkenburgh	Special agent and expert	Aug. 1, 1901					1,650.00		
Joseph D. Rogers	Laborer	July 5, 1901					85.16		
Washington I. Posey	do	May 1, 1901					60.00		
John H. Van Dyke	do	Aug. 1, 1901					380.00		
do	do	Feb. 1, 1902					640.00		
W. D. Collyer	Special expert agent	Oct. 10, 1901							

Special agent	July 1, 1901	July 1, 1902	Apr. 1, 1902	Apr. 1, 1900	8.00	8.00	648.00		
W. D. McArthur	do	do	do	do	360	360	344.00		
Geo. M. Whittaker	do	do	do	do	240	240	90.00		
Cora M. Ridley	do	do	do	do			180.00		
Mary Anderson	do	do	do	do				537.90	32.00
H. E. Alvord	do	do	do	do				534.27	5.65
R. A. Pearson	do	do	do	do				61.70	2,512.58
E. Sudendorf	do	do	do	do				31.50	
Chicago and Northwestern Rwy. Co.	do	do	do	do					
Chesapeake and Ohio Rwy. Co.	do	do	do	do				75.00	
Pennsylvania R. R. Co.	do	do	do	do				35.00	
Chicago and Alton Rwy. Co.	do	do	do	do				12.50	
Union Pacific Rwy. Co.	do	do	do	do				3.55	
Grand Trunk Rwy. of Canada.	do	do	do	do				15.25	
New York, New Haven and Hartford R. R. Co.	do	do	do	do				11.00	
Maine Central R. R. Co.	do	do	do	do				4.00	
Schreiber & Sons	do	do	do	do					486.00
Leo Baum	do	do	do	do					21.28
Eastern Shore of Virginia Produce Exchange.	do	do	do	do					412.50
James J. Davidson	do	do	do	do					50.25
Thos. A. Borman	do	do	do	do					320.76
Hilmer & Bredhoff	do	do	do	do					291.07
Hills Bros.	do	do	do	do					178.50
Norton, Teller & Roden	do	do	do	do					144.00
The Continental Creamery Co.	do	do	do	do					126.59
Wm. P. Brooks	do	do	do	do					75.60
The Franklin County Creamery Association.	do	do	do	do					55.35
Simpson, McIntire & Co.	do	do	do	do					3.96
Schultz, Martinelli, Luffman Co.	do	do	do	do					263.72
W. B. Glafke Co.	do	do	do	do					199.64
Wm. H. Rousel & Co.	do	do	do	do					133.00
C. E. Whitney & Co.	do	do	do	do					110.55
The Merchants' Refrigerating Co.	do	do	do	do					227.41
Russell Cream Co.	do	do	do	do					132.20
Houghton & Delano.	do	do	do	do					131.71
Mackall Bros.	do	do	do	do					1.05
The Atlantic Transport Co.	do	do	do	do					95.70
Church & Stephenson.	do	do	do	do					57.21
The Friedenwald Co.	do	do	do	do					47.50
B. P. Murray	do	do	do	do					46.35
Goes Lithographing Co.	do	do	do	do					24.50

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
DAIRY DIVISION—cont'd.										
The Chesapeake and Potomac Telephone Co.						Telephone rental				\$25. 00
United States Envelope Co.						Envelopes				22. 05
United States Express Co.						Expressage				20. 77
John Feist						Screens				19. 00
Z. D. Gilman						Thermometers, syringes, etc				16. 00
Wm. H. Dyer						Doors and sashes				14. 00
John C. Parker						Stationery				17. 60
Casien Co. of America						Paste				7. 28
Chas. R. Edmonston						Tray and jars				5. 43
E. Morrison Paper Co.						Memorandum books				5. 35
Richard L. Lamb						Stamp racks				4. 50
Alvah L. Reynolds						Cheese				9. 80
R. J. Weld						do				3. 65
W. F. Roberts						600 bulletins				12. 00
Yawman & Erbe Manufacturing Co.						Cases and indexes				7. 20
The Dairyman's Supply Co.						Hand stamps				5. 00
Albert Kahlert & Co.						Laying and repairing carpenter.				4. 19
W. B. Moses & Sons.						Chair and stool				4. 85
Hugh Reilly						Window glass				3. 20
Geo. F. Muth & Co.						Paste brushes				1. 48
Wyckoff, Seamans & Benedict.						Repairing typewriter				1. 33
United States Electric Lighting Co.						Ruby incandescent lamp				. 40
The Public Printer						Bulletins				1, 480. 96
Total							\$6, 979. 66	\$1, 639. 58		8, 297. 67
CONTAGIOUS DISEASES INSPECTION.										
John McBirney	Inspector	Dec. 1, 1898			\$1, 600				421. 20	
Rice P. Steddon	do	Jan. 1, 1901			1, 600				231. 31	
Harry B. Adair	do	July 1, 1900			1, 400				35. 65	
Leslie J. Allen	do	do			1, 400				655. 82	
W. N. D. Bird	do	Sept. 1, 1901			1, 400				108. 80	

Richd. J. Blanche	do	Mar. 1, 1901	1,400	117.90	6.50
George A. Bond	do	do	1,400	1,133.18	83.05
Thomas A. Bray	do	June 1, 1900	1,400	1,400.00	42.55
Thomas Castor	do	Dec. 1, 1900	1,400	1,361.55	514.70
Lowell Clarke	do	June 1, 1900	1,400	1,400.00	353.75
Fredk. T. Dolan	do	Apr. 1, 1901	1,400	1,400.00	287.05
F. C. Ellis	do	do	1,400	1,382.43	85.85
A. A. Holcombe	do	Nov. 1, 1900	1,400	1,400.00	404.21
Fredk. W. Hopkins	do	June 1, 1900	1,400	1,582.10	101.55
Walter E. Howe	do	May 1, 1901	1,400	1,400.00	149.12
J. Otis Jacobs	do	do	1,400	1,400.00	724.45
Peter I. Kershner	do	Sept. 15, 1900	1,400	1,400.00	165.18
Willis B. Lincoln	do	May 1, 1901	1,400	1,342.97	212.34
John P. O'Leary	do	Sept. 15, 1900	1,400	697.50	
Harry D. Paxson	do	do	1,400	1,373.40	127.55
Louis A. Robinson	do	Jan. 1, 1897	1,400	120.60	
Frank T. Shannon	do	Sept. 1, 1898	1,400	148.33	13.35
Nathl. B. Smith	do	June 15, 1900	1,400	180.78	99.80
Bernd. P. Wende	do	Sept. 11, 1893	1,400	119.20	
G. W. Browning	Assistant inspector	Apr. 5, 1900	1,200	1,358.18	275.65
Do	Inspector	Sept. 16, 1901	1,400		
C. H. Bugbee	Assistant inspector	Mar. 14, 1901	1,200	1,358.18	239.60
Roy N. Drake	Inspector	Sept. 16, 1901	1,400	1,301.15	355.35
Do	Assistant inspector	Aug. 23, 1900	1,200		
Wm. P. Ellenberger	Inspector	Sept. 16, 1901	1,400	1,366.40	651.67
Do	Assistant inspector	Aug. 18, 1898	1,200		
D. C. Hanawalt	Inspector	Sept. 1, 1901	1,400	1,358.18	508.28
Do	Assistant inspector	Mar. 1, 1900	1,200		
Geo. S. Hickox	Inspector	Sept. 16, 1901	1,400	1,358.18	618.52
Do	Agent and expert	Jan. 1, 1900	1,200		10.00
M. S. Lantz	Assistant inspector	Sept. 16, 1901	1,400	1,358.18	208.80
Do	Inspector	June 20, 1900	1,200		
C. M. McFarland	Assistant inspector	Sept. 16, 1901	1,400	1,123.58	710.80
Do	Inspector	Dec. 12, 1900	1,200		
Do	Assistant inspector	May 15, 1902	1,200	1,358.18	523.65
Louis Meisler	do	Sept. 1, 1899	1,400	1,358.18	322.86
Inspector	Inspector	Sept. 16, 1901	1,200		
Joseph W. Parker	Assistant inspector	Dec. 12, 1900	1,200	1,366.40	146.86
Do	Inspector	Sept. 16, 1901	1,400	1,355.02	335.92
Adolph J. Pistor	Assistant inspector	Dec. 15, 1898	1,200	1,358.18	720.00
Do	Inspector	Sept. 1, 1901	1,400	1,263.92	671.50
Robt. A. Ramsay	Assistant inspector	Feb. 18, 1899	1,200	1,358.18	363.85
Do	Inspector	Sept. 1, 1901	1,400	778.78	354.10
Hugh M. Rowe	Assistant inspector	Dec. 15, 1898	1,200		
Do	Inspector	Sept. 16, 1901	1,400		
Wm. G. Shaw	Assistant inspector	Feb. 8, 1899	1,200		
Do	Inspector	Mar. 4, 1902	1,400		
Geo. E. Totten	Assistant inspector	July 14, 1899	1,200		
Do	Inspector	Sept. 16, 1901	1,400		
Robt. H. Treacy	Assistant inspector	Oct. 12, 1896	1,200		
Do	Inspector	Sept. 16, 1901	1,400		

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
CONTAGIOUS DISEASES INSPECTION—continued.								
Archd. L. Wallace.	Assistant inspector.	Feb. 23, 1899			\$1,200		\$917.38	\$487.25
Do.	Inspector.	Apr. 1, 1902			1,400		101.10	
Harry M. Ball.	Assistant inspector.	Nov. 1, 1898			1,200		201.10	54.60
Clarence A. Clawson	do	Dec. 27, 1900			1,200		703.30	128.10
W. F. Crewe	do	Sept. 25, 1900			1,200		1,200.00	52.40
Wm. B. Fleming.	do	Mar. 1, 1900			1,200		616.30	117.40
Ernest J. Foreman	do	Aug. 1, 1900			1,200		997.80	586.25
Arthur R. Glauser.	do	Dec. 15, 1900			1,200		997.80	624.18
Harry J. Hammond.	do	Aug. 23, 1900			1,200		19.57	
Arthur C. Hart.	do	June 1, 1900			1,200		201.10	65.55
Albert N. Irwin	do	Aug. 5, 1901			1,200		1,200.00	173.09
Western L. Johnson.	do	May 23, 1901			1,200		623.33	144.37
Louis A. Klein.	do	June 15, 1901			1,200		166.32	115.25
Jno. H. McNeall.	do	do	Aug. 20, 1901		1,200		332.61	77.35
Monroe B. Miller	do	Feb. 1, 1899			1,200		1,200.00	672.53
Murray J. Myers.	do	Apr. 1, 1898			1,200		997.80	505.32
Isaac W. O'Rourke	do	June 1, 1900			1,200		600.00	410.77
Frank Parker	do	Oct. 23, 1900			1,200		202.20	
H. R. Ryder.	do	July 14, 1899			1,200		1,200.00	475.95
Frisbie T. Suit.	do	May 23, 1901			1,200		1,200.00	138.85
Thomas White	do	Aug. 23, 1900			1,200		997.80	398.34
Warner Worcester	do	Sept. 1, 1900			1,200		1,800.00	110.25
Albert Dean	Live stock agent.	Sept. 1, 1893			1,800		1,200.00	
Joseph Bruser.	do	Nov. 15, 1897			1,200		900.00	64.50
W. E. Hill.	do	do			1,200		1,200.00	881.80
Wm. D. Jordan	do	Jan. 1, 1894			1,200		1,200.00	528.48
D. Cunningham	do	do			1,200		1,200.00	551.37
B. L. Stine	do	do			1,200		1,200.00	41.90
Special live stock agent.		July 1, 1900			1,000		900.00	
Stock examiner		June 15, 1897			900		900.00	243.12
James Irwin	do	June 1, 1895			900		900.00	314.47
Chas. A. Brown	do	Feb. 1, 1901			900		900.00	
Edw. A. Bundy	do	Jan. 1, 1894			900		900.00	283.75
James W. Davis	do	Nov. 10, 1896			900		900.00	111.00
Wm. E. Dennis	do	Oct. 1, 1901			900		450.00	134.15
Howard D. Ebey	do	May 1, 1894			900		900.00	249.20
Frank A. Ewing	do	Sept. 1, 1896			900		900.00	178.45
David R. Hodges	do	Feb. 15, 1896			900		746.70	
Wm. C. Honan	do	do			900			

Harry L. McDonald	do	May 1, 1894	900	900.00	18.25
Thomas Redmond	do	June 10, 1901	900	75.82	14.00
Jno. F. Schernmann	do	Apr. 1, 1897	900	746.70	
Alfred J. Smith	do	Feb. 1, 1901	900	940.00	727.95
Joseph M. Turner	do	Mar. 10, 1896	900	900.00	
Wm. Yenner	do	Feb. 1, 1901	900	430.00	284.90
Jacob K. Skinner	Clerk	June 1, 1897	900	225.00	
Laomer West	do	Aug. 15, 1900	900	900.00	21.70
T. B. Craycroft	do	Jan. 16, 1901	840	637.33	189.50
E. S. Bennett	Tagger	Feb. 15, 1895	720	563.81	
Wm. J. Doyle	do	do	720	298.00	
Jas. A. Flanagan	do	May 23, 1895	720	417.40	
Walter M. Foster	do	Dec. 1, 1898	720	299.40	20.45
Michl. Justinger	do	July 1, 1893	720	298.00	
Edw. C. Lauck	do	Oct. 12, 1898	720	720.00	
Chas. Pearson	do	June 15, 1898	720	18.00	16.74
Lennis Van Es	Expert Investigator	June 24, 1902		602.00	
Hiram Grable	Laborer	Sept. 1, 1896			
O. G. Atherton	do				
W. S. Cass	do				
H. A. Christmann	do				
Jos. B. Glancy	do				
Saml. E. Cosford	do				
F. D. Ketchum	do				
E. M. Smith	do				
W. H. Smith, Jr.	do				
Morris Wooden	do				
Pennsylvania R. R. Co.	do				
Southern Rwy. Co.	do				
Chicago, Burlington and Quincy R. R.	do				
Union Pacific R. R. Co.	do				
Northern Pacific Rwy. Co.	do				
Nashville, Chattanooga and St. Louis Rwy.	do				
Cincinnati, New Orleans and Texas Pacific Rwy.	do				
Louisville and Nashville R. R. Co.	do				
Erie R. R. Co.	do				
Atlanta, Knoxville and Northern Rwy. Co.	do				
Norfolk and Western Rwy. Co.	do				
Oregon Short Line R. R. Co.	do				
Chicago, Rock Island and Pacific Rwy. Co.	do				
Burlington and Missouri River R. R. in Nebraska.	do				

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
CONTAGIOUS DISEASES INSPECTION—continued.									
The Colorado and Southern Rwy. Co.						Transportation of Bond and Howe.		\$14.80	
Oregon R. R. and Navigation Co.						Transportation of A. J. Smith.		29.50	
Fremont, Elkhorn and Missouri Valley R. R. Co.						Transportation of A. J. Pistor.		12.48	
Illinois Central R. R. Co.						Transportation of F. W. Hopkins.		18.33	
Southern California Rwy. Co.						Transportation of W. E. Hill.		15.00	
Chesapeake and Ohio Rwy. Co.						Transportation of F. T. Dolan.		14.80	
Southern Pacific Co.						Transportation of G. C. Moser et al.		189.05	
Chicago, St. Paul, Minneapolis and Omaha Rwy.						Transportation of G. S. Hickox.		7.90	
Pehr Ehrenheim						Office rent.			\$300.00
The Kansas City Stock Yard Co. of Missouri.						do.			180.00
C. Deaderick						do.			120.00
Thos. A. Bray						Hire saddle horse.			300.00
Chas. Hacker						Hire horse and buggy.			200.00
James W. Davis						do.			18.00
Hugh M. Rowe						Telephone rental.			33.59
Rocky Mountain Bell Telephone Co.						do.			3.00
Denney & Denney						Roll top desk.			16.00
Castelberg National Jewelry Co.						2 dozen eyeglass cords.			1.25
The Maurice Joyce Engraving Co.						Engraving die.			.50
The Chronicle						Advertising Texas fever.			5.50
The Morning Post						do.			2.80
Gazette Publishing Co.						do.			2.60
The Atlanta Journal Co.						do.			2.40
The Times Co.						do.			1.82
Total							\$84,210.90	22,905.47	1,387.03

HOG-CHOLERA SERUM EXPERIMENTS.			Inspector		Date		Amount		Total		Grand Total	
W. B. Niles	Do	Inspector	Aug. 8, 1899				\$1,400		1,550.00	164.45	780.74	
Chas. M. Day	Do	do	Oct. 1, 1901				1,600		1,400.00	414.37	2.20	
J. I. Bagnall	Do	Laborer	Jan. 1, 1899						382.50			
M. L. Byrd	Do	do	July 6, 1901						412.50			
M. M. Chambers	Do	do	May 22, 1901				\$2.50		375.00			
J. E. Frank	Do	do	do				2.50		237.50			
S. N. Heaton	Do	do	July 6, 1901				2.50		367.50			
Thos. McMahon	Do	do	Apr. 25, 1900				2.50		382.50			
C. H. Polk	Do	do	May 22, 1901				2.50		412.50			
L. Stewart	Do	do	Apr. 25, 1900				2.50		332.50			
A. A. Timson	Do	do	July 6, 1901				2.50		382.50			
Henry Towns	Do	do	Apr. 25, 1900				2.50		457.50			
James Copeland	Do	do	do				2.00		460.00			
Marion Donset	Do	do	Oct 10, 1901						Traveling expenses	122.36		
Geo. M. Ruffin	Do	do							do	105.66		
W. S. Stamper	Do	do							do	32.65		
Chicago, Burlington and Quincy R. R.	Do	do							Freight and passenger transportation.	44.65		
Michigan Central R. R.	Do	do							Transportation, W. S. Ruffin	20.50		
J. J. Van Eaton	Do	do							Office rent			
Mrs. E. L. Coleman	Do	do							do			
Emma Curran, Admr	Do	do							do			
Anassa Gage	Do	do							Constructing pig pens			
John Finnell, sr	Do	do							Pigs, care and feed			
Charles Monson	Do	do							Feed, rent and labor			
John Hale	Do	do							Feed and care of pigs	46.74		
G. W. Insby	Do	do							do	17.68		
David Hiatt, jr	Do	do							10 shoats	26.00		
Lewis Love	Do	do							9 shoats	51.02		
T. I. Wilson	Do	do							4 shoats	25.20		
C. A. Lankton	Do	do							do	14.00		
G. W. Judd	Do	do							Corn	12.00		
The Sidney Elevator Co.	Do	do							do	38.75		
Travis & De Freece	Do	do							Fencing, nails, etc	18.00		
Brandon Bros. Lumber Co.	Do	do							Lumber	20.85		
Frank Brandon	Do	do							do	76.92		
C. H. Polk	Do	do							14 small pigs	34.58		
M. E. Calkins	Do	do							9 small pigs	45.00		
Oscar Jackson	Do	do							8 small pigs	27.00		
G. L. Reeves	Do	do							5 small pigs	20.00		
Iowa Telephone Co.	Do	do							Telephone rental	15.00		
City Telephone Co.	Do	do							do	18.00		
Total										7,202.50	904.62	1,644.14

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPORT CATTLE INSPECTION.									
Baltimore, Md.									
H. A. Hedrick	Inspector	July 16, 1893			\$1,600		\$1,600.00	\$12.95	\$50.65
Isaac L. Ball	Clerk	Dec. 1, 1892			1,200		1,200.00		
Wm. Bennett	Tagger	Apr. 16, 1893			720		720.00		
Joseph E. Blondell	do	do			720		720.00		
Chas. Eisenreich	do	Mar. 15, 1894			720		720.00		
Wm. J. Sullivan	do	Aug. 14, 1893			720		720.00		
H. A. Hedrick	do								
N. Rufus Gill	do								
The Chesapeake and Potomac Telephone Co.	do						Hire horse and buggy		77.50
The Maryland Telegraph and Telephone Co.	do						Office rent		125.00
Hall, Headington & Co.	do						Telephone rental		36.17
	do						do		48.00
	do						Desk and chairs		34.50
Boston, Mass.									
A. G. G. Richardson	Inspector	Oct. 1, 1899			2,000		500.00		35.34
Samuel E. Bennett	do	do			1,800		1,500.00		150.53
Do	do	Oct. 1, 1901			2,000				
P. H. Mullovey	do	Jan. 11, 1901			1,400		344.80		
Harry Q. Thompson	do	Feb. 1, 1901			1,400		1,055.20		
Thomas Coyle	Vessel inspector	Feb. 1, 1900			1,200		1,200.00		
Henry W. Busteed	Clerk	Oct. 1, 1899			840		840.00		
Jas. S. Kennedy	Tagger	May 23, 1898			720				
Do	Stock examiner	Oct. 1, 1901			900		255.80		
Wm. A. Baldwin	Tagger	May 27, 1901			720		300.00		
Winfield E. Berry	do	June 1, 1899			720		298.00		
Frank N. Brown	do	Jan. 8, 1896			720		84.08		
L. L. Bullard	do	Mar. 1, 1892	Aug. 12, 1901		720		720.00		
F. H. Burleigh	do	Sept. 28, 1891			720		720.00		
Walter H. Hersey	do	Oct. 23, 1899			720		696.30		
Chas. B. Hutchinson	do	Mar. 1, 1900			720		300.00		
James G. Jeffrey	do	Feb. 1, 1898			720		720.00		
Frank P. Nolan	do	Apr. 20, 1899			720		473.40		
Patrick Dorsey	Laborer	Apr. 15, 1901			720		120.00		
W. O. Gibson	do	Aug. 1, 1901			\$1.50		250.50		
					1.50				

Chas. McGovern	do	do	Oct. 12, 1901	1.50	Hire horse and buggy	90.00	57.00
A. G. G. Richardson	do	do	do	do	do	do	171.00
Saml. E. Bennett	do	do	do	do	Office rent	do	120.00
James M. Codman	do	do	do	do	Office rent	do	60.00
Fifty Associates	do	do	do	do	Janitor service	do	48.00
Gerald E. Street	do	do	do	do	Telephone service	do	81.00
New England Telegraph and Telephone Co.	do	do	do	do	Coal	do	28.33
Metropolitan Coal Co.	do	do	do	do	Towel laundry	do	15.00
Bay State Clean Towel Co.	do	do	do	do	do	do	do
<i>Buffalo, N. Y.</i>							
Charles H. Zink	Inspector	Feb. 1, 1900	1.600	1,599.95	Hire horse and buggy	300.00	180.00
W. N. D. Bird	do	Sept. 1, 1901	1.400	114.20	Office rent	18.00	5.00
John P. O'Leary	do	Sept. 15, 1900	1.400	119.20	Telephone service	do	do
Louis A. Robinson	do	Jan. 1, 1897	1.400	223.70	Towel laundry	do	do
Bernard P. Wendt	do	Sept. 11, 1893	1.400	498.10	do	do	do
Assistant Inspector	do	Nov. 1, 1898	1.200	215.50	do	do	do
Harry M. Ball	do	June 25, 1900	1.200	103.30	do	do	do
Clarence O. Durfee	do	July 14, 1899	1.200	101.10	do	do	do
Herman R. Ryder	do	May 1, 1893	1.000	986.12	do	do	do
Albert H. Hoyt	Clerk	May 1, 1893	1.000	720.00	Hire horse and buggy	300.00	180.00
James F. Hughes	Laborer	May 9, 1898	720	do	Office rent	18.00	5.00
Chas. H. Zink	do	do	do	do	Telephone service	do	do
E. Buffalo Live Stock Exchange Co.	do	do	do	do	Towel laundry	do	do
The Bell Telephone Co. of Philadelphia.	do	do	do	do	do	do	do
The Office Toilet Supply Co.	do	do	do	do	do	do	do
<i>Philadelphia, Pa.</i>							
George Carter	Vessel inspector	Feb. 1, 1900	1.200	1,200.00	Livery and miscellaneous expenses	190.66	80.00
John Biehl	Laborer	Feb. 15, 1901	2.00	116.00	Telephone services	do	do
Wm. J. Haughey	do	Aug. 22, 1896	2.00	130.00	do	do	do
Charles A. Schauler	do	do	do	do	do	do	do
The Bell Telephone Co. of Philadelphia.	do	do	do	do	do	do	do
<i>Chicago, Ill.</i>							
Herman Busman	Inspector	Mar. 1, 1901	1.400	700.00	Hire horse and buggy	300.00	180.00
James Fleming	do	Oct. 1, 1899	1.400	700.00	Office rent	18.00	5.00
Max Wolf	Clerk	Feb. 1, 1896	1.000	1,000.00	Telephone service	do	do
Arda Watson	Live stock agent	Jan. 1, 1894	900	810.00	do	do	do
Dighton Granger	Stock examiner	June 1, 1898	900	887.74	do	do	do
Wm. C. Honan	do	May 1, 1897	900	153.30	do	do	do
John F. Kelly	do	June 30, 1895	900	900.00	do	do	do
Michl. J. Quirk	do	Jan. 16, 1895	900	897.52	do	do	do
Park H. Griffin	Tagger	Feb. 15, 1894	720	720.00	do	do	do
Jere. Holland	do	June 12, 1894	720	720.00	do	do	do

Statements of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPORT CATTLE INSPECTION—continued.									
Chicago, Ill.—Continued.									
M. M. Murray	Tagger.	May 16, 1894			\$720		\$700.34		
Frank A. Paddock	do	Feb. 1, 1898			720		541.80		
Richard Walsh	do	June 1, 1894			720		720.00		
J. C. Whitney	do	Oct. 1, 1898			720		720.00		
O. E. Dyson						Office expenses			\$0.75
Union Stock Yards and Transit Co.						Office rent			300.00
The A. H. Andrews Co						Chairs			12.60
New York, N. Y.									
Wm. H. Rose	Inspector	Sept. 1, 1893			2,000		2,000.00		244.90
Henry Brister	do	Feb. 1, 1900			1,400		1,400.00		
R. E. Letts	do	do			1,400		1,400.00		
Sam'l G. Hendren	do	Mar. 1, 1901			1,400		1,400.00		
James Flannery	Vessel inspector	Feb. 1, 1900			1,200		1,200.00		
J. P. McEhanev	Clerk	Sept. 1, 1893			1,200		1,200.00		
Wm. Foley	Stock examiner	Jan. 1, 1894			1,000		1,000.00		
Chas. F. Cramer	Tagger	May 1, 1896			720		855.00		
Do	Stock examiner	Oct. 1, 1901			900				
Edw. J. Danby	Tagger	June 10, 1901	Jan. 16, 1902		720		327.27		
Geo. Messemmer	do	Sept. 15, 1893			720		720.00		
Geo. E. Schumacher	do	Feb. 6, 1896			720		720.00		
Guy A. Sharp	do	Jan. 28, 1901			720		698.53		
S. Royden Burch	Laborer	Apr. 17, 1901		\$2.50					
Do	Agent	June 9, 1902			1,000		794.45		
James Stikeman						Office rent			500.00
New York Telephone Co.						Telephone and toll			102.40
New York and New Jersey Telephone Co.						Telephone service			15.00
F. C. McGuire						do			13.00
Geo. F. Geagan						do			2.55
Weehawken Stock Yard Co.						do			4.65

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per an-num.	Miscellaneous items.	Salaries.			
EXPORT CATTLE INSPECTION—continued.										
Miscellaneous—Continued.										
Chicago, Indianapolis and Louisville Rwy. Co.						Freight on hog rings				\$.054
Central E. R. Co. of New Jersey.						Freight on tags				.72
Erte R. R. Co.						do				.45
Total							\$60,538.76	\$638.53		4,817.72
IMPORT CATTLE INSPECTION.										
Canadian inspection.										
F. M. Perry	Inspector	June 1, 1900			\$1,400		1,063.66	288.25		2.00
John P. O'Leary	do	Sept. 15, 1900			1,400		120.60	6.85		
Louis A. Robinson	do	Jan. 1, 1897			1,400		220.60	12.65		
E. L. Volgenau	do	Oct. 1, 1899			1,400		1,400.00	259.25		
G. W. Ward	do	Apr. 1, 1901			1,400		1,400.00	263.25		
Bernard P. Wende	do	Sept. 11, 1893			1,400		467.80	14.20		
Harry M. Ball	Assistant inspector	Nov. 1, 1898			1,200		93.40	8.45		
W. N. D. Bird	do	June 1, 1898			1,200		216.51	25.21		
Clarence O. Duffee	do	June 25, 1900			1,200		100.00	11.92		
Orlando Fling	do	Oct. 21, 1901	Dec. 20, 1901		1,200		135.63			1.60
H. D. Mayne	do	Mar. 1, 1897			1,200		1,200.00	245.45		
C. L. Morn	do	July 1, 1899		a \$3.00						
Do	do	Jan. 1, 1902			1,200		913.00	101.70		
Herman R. Ryder	do	July 14, 1899			1,200		102.20	19.07		
Inspector	Inspector	Aug. 1, 1892		8.00			56.00	10.30		
John A. Bell	do	Apr. 1, 1901		8.00			1,296.00	193.60		
Charles Cowie	do	Sept. 1, 1894		8.00			920.00	509.25		2.00
F. L. Russell	do	Aug. 1, 1901		5.00			170.00	37.14		
Wilson S. Corlis	do	Aug. 1, 1901		5.00			875.00			
D. Gunning	do	Mar. 26, 1891		5.00			293.00	73.19		
Harvey T. Potter	Assistant inspector	May 10, 1899		a 3.00			147.00			
John F. Deadman	do	June 1, 1899			720		658.00			
Ransom Hinkson	Tagger	Apr. 25, 1896			720					
Michel Justinger	do	July 1, 1893					62.00			

C. H. Zink.....					Traveling expenses	8.20	
Louis K. Green.....					Travel and miscellaneous expenses,	18.75	4.35
James F. Hughes.....					do	2.45	
W. A. Willard.....					do	52.91	
The Lake Shore and Michigan Southern Rwy. Co.					Transportation, Volgenau	26.75	
Chicago and North Western Rwy. Co.					do	26.75	
<i>Inspections in Great Britain.</i>							
Toolie A. Geddes.....	Nov. 1, 1900	Special inspector		2,000		1,480.06	95.55
Total.....						2,000.00	
						13,919.50	105.50
MEAT INSPECTION.							
<i>Chicago, Ill.</i>							
O. E. Dyson.....	June 1, 1900	Inspector		1,800		1,966.20	98.00
Do.....	Sept. 1, 1901	do		2,000			
Morris Wooden.....	Mar. 16, 1899	do		1,800		900.00	
S. W. Burr.....	Dec. 15, 1900	do		1,600		1,600.00	
U. G. Houck.....	Jan. 1, 1901	do		1,600		800.00	
O. J. Langan.....	Jan. 16, 1897	do		1,600		1,600.00	
I. K. Atherton.....	Sept. 1, 1898	do		1,400		234.60	10.25
O. G. Atherton.....	Feb. 1, 1900	do		1,400		1,400.00	
Wm. A. Brnette.....	July 1, 1896	do		1,400		1,400.00	
Herman Busman.....	Mar. 1, 1901	do		1,400		700.00	
Adolph J. Casper.....	Mar. 1, 1895	do		1,400		1,384.75	
Joseph B. Clancy.....	Aug. 15, 1893	do		1,400		1,400.00	
Louis P. Cook.....	July 1, 1900	do		1,400		1,129.59	10.25
L. Enos Day.....	July 16, 1900	do		1,400		1,282.10	13.50
J. G. Fish.....	Jan. 16, 1895	do		1,400		1,396.23	
James Fleming.....	Oct. 1, 1899	do		1,400		700.00	
H. W. Hawley.....	June 1, 1900	do		1,400		1,400.00	
James G. Hope.....	July 1, 1901	do		1,400		1,392.27	
George Johnson.....	June 24, 1901	do		1,400		1,400.00	
George A. Lytle.....	Apr. 1, 1901	do		1,400		1,400.00	
Frank B. McCall.....	Sept. 15, 1900	do		1,400		1,400.00	
Harry G. Moore.....	June 1, 1900	do		1,400		1,046.23	
Don W. Patton.....	July 1, 1900	do		1,400		1,224.66	20.00
Thos. L. Rice.....	Mar. 1, 1901	do		1,400		1,164.20	
Albert E. Rishel.....	Apr. 1, 1901	do		1,400		1,011.99	15.10
Willard A. Savage.....	do	do		1,400		1,400.00	
Wm. C. Siegmund.....	Jan. 1, 1901	do		1,400		1,282.10	9.22
Wm. H. Smith, jr.....	Apr. 1, 1901	do		1,400		1,400.00	
Frank S. Tufes.....	Dec. 1, 1900	do		1,400		1,400.00	
John A. Bell.....	Aug. 1, 1892	do		1,400		1,400.00	
Do.....	Sept. 15, 1901	Assistant inspector	8.00	1,200		120.65	26.75

a And \$5.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MEAT INSPECTION—cont'd.								
Chicago, Ill.—Continued.								
Jacob S. Berner	Assistant inspector	Sept. 18, 1900	Dec. 15, 1901		\$1,200		\$547.81	
Eli L. Bertram	do	Feb. 23, 1899		1,200				
Do	Inspector	Apr. 1, 1902		1,400		1,250.00		
John L. Burgett	Assistant inspector	June 18, 1901		1,200		202.20		
S. H. Caldwell	do	Dec. 27, 1900		1,200	900.00			
Joel E. Cloud	do	Dec. 15, 1900		1,200	1,195.73			
Howard H. Cohenour	do	June 1, 1901		1,200	1,195.73			
W. I. Dillingham	do	June 15, 1900		1,200	1,200.00			
Arthur C. Hart	do	June 1, 1900		1,200	300.00	\$17.90		
John J. Hayes	do	Apr. 10, 1901		1,200	793.43	13.35		
Hazen H. Hicks	do	Aug. 13, 1900		1,200	1,170.64			
Marion Innes	do	Aug. 5, 1901		1,200	1,035.51			
Robert Jay	do	Mar. 25, 1901		1,200	1,035.56	16.35		
Chas. W. Johnson	do	Aug. 18, 1898	July 8, 1901	1,200	1.63			
John T. Kennedy	do	June 25, 1900		1,200	1,200.00			
W. M. McKellar	do	Dec. 27, 1900		1,200	998.90			
W. H. McKinney	do	Oct. 1, 1900		1,200	101.10			
Edw. Merrilat	do	Apr. 12, 1901	Dec. 27, 1901 Sept. 30, 1901	1,200	300.00			
M. T. Naughton	do	Aug. 5, 1898		1,200				
Do	Inspector	Aug. 1, 1901		1,400		1,383.20		
Wm. J. Muldum	Assistant inspector	Dec. 18, 1901		1,200	325.68			
Geo. J. Murray	do	Aug. 23, 1900	July 15, 1901	1,200	1.63			
Chas. B. Porter	do	Dec. 15, 1900		1,200	1,200.00			
Barton R. Rogers	do	June 1, 1900		1,200	1,200.00			
Major Schofield	do	Dec. 16, 1901		1,200	648.91			
Frank P. Sturges	do	May 23, 1901		1,200	1,200.00			
Wm. B. Trenboth	do	June 1, 1901		1,200	1,200.00			
Edw. K. Ward	do	June 1, 1900		1,200	401.10			
Warner Worcester	do	Sept. 1, 1900		1,200	202.20			
Benj. S. Paddock	Live stock agent	Nov. 1, 1896	Mar. 12, 1902	1,200	1,045.94			
Chas. Butting		1,000		694.46				
E. B. Lucas		1,000		1,000.00				
Chas. S. Pow		1,000		1,000.00				
Irving W. Pew	do	Jan. 1, 1900		1,000	1,000.00			
Chas. W. Philpot	do	July 21, 1899		1,000	1,000.00			
Leroy Scribner	do	Dec. 1, 1900		1,000	997.32			
S. H. Tourtellotte	do	Jan. 10, 1898		1,000	1,000.00			

J. J. O'Malley	do	Nov. 1, 1895	900	987.84
Do	do	Aug. 15, 1901	1,000	
Jacob K. Skinner	do	June 1, 1897	900	675.00
Jno. N. Fitzgerald	Tagger	June 27, 1895	720	
Do	Clerk	Aug. 15, 1901	840	72.30
Alvine Hostetler	do	Mar. 1, 1901	900	840.00
Norman E. Adams	Stock examiner	Nov. 1, 1895	900	525.80
Horace G. Arnold	do	Feb. 1, 1901	900	900.00
Do	Clerk	June 1, 1902	900	
George Best	Stock examiner	Jan. 1, 1894	900	900.00
Clark C. Bone	do	June 1, 1898	900	900.00
Robt. A. Broadhurst	do	Feb. 1, 1901	900	450.00
H. D. Burdick	do	Jan. 8, 1894	900	900.00
Thomas G. Clark	do	Jan. 1, 1894	900	900.00
F. C. Cooley	do	Nov. 1, 1895	900	897.50
Jas. J. Duffey	do	Jan. 1, 1894	900	900.00
David S. Farley	do	Apr. 6, 1899	900	900.00
Archd. L. Faunce	do	Mar. 16, 1901	900	900.00
David Frisch	do	Jan. 1, 1894	900	900.00
Thomas R. Fugitt	do	May 1, 1899	900	900.00
James Gardner	do	June 27, 1895	900	900.00
Henry Grady	do	do	900	895.10
Thos. F. Hanley	do	June 24, 1895	900	837.69
Geo. T. Hanton	do	June 27, 1895	900	895.08
Wm. Harpst	do	do	900	835.12
Jas. Herriman	do	Feb. 1, 1901	900	900.00
Wm. P. Hickey	do	Feb. 15, 1894	900	900.00
Dennis Hurley	do	Aug. 1, 1895	900	895.12
Jos. F. Jordan	do	Jan. 1, 1894	900	900.00
R. Kochanowski	do	do	900	900.00
Otho D. Kortz	do	June 27, 1895	900	748.40
Geo. Lunham	do	Jan. 1, 1894	900	897.50
Richd. E. Lyman	do	Apr. 23, 1894	900	900.00
Abram M. Manny	do	July 27, 1897	900	450.00
John C. Massie	do	Feb. 1, 1901	900	870.64
Jas. A. Murphy	do	Jan. 1, 1894	900	900.00
John Murphy	do	Feb. 15, 1894	900	900.00
Terence O'Brien	do	do	900	900.00
Thos. O'Shaughnessy	do	do	900	900.00
W. S. Pidcock	do	Aug. 1, 1895	900	900.00
G. W. Pierce	do	Jan. 8, 1894	900	900.00
Wm. Proudfoot	do	Feb. 1, 1896	900	900.00
John J. Ryan	do	Dec. 1, 1893	900	900.00
Jno. W. Sarsfield	do	Jan. 1, 1894	900	900.00
Frank Schroeder	do	June 27, 1895	900	900.00
F. L. Simpson	do	do	900	900.00
Sam'l T. Smith	do	Jan. 16, 1894	900	75.80
Thos. J. Wade	do	July 1, 1896	900	900.00
Fred D. Waterman	do	Jan. 15, 1896	900	900.00
H. B. Weller	do	Feb. 1, 1896	900	900.00
H. D. Williams	do	June 27, 1895	900	900.00
Geo. W. Wood	do	do	900	900.00

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Theo. B. Zuendel	Stock examiner	Nov. 1, 1895			\$900		\$151.60		
Edw. W. Barthold	Trapper	Nov. 11, 1898			720		720.00		
John W. Burton	do	Jan. 2, 1899			720		526.23		
John E. Cashman	do	Oct. 1, 1901			720		206.00		
Geo. T. Casper	do	Mar. 19, 1902			720		299.40		
Wm. D. Clark	do	Oct. 14, 1897			720		720.00		
Wm. Cleveland	do	Jan. 1, 1892			720		49.45		
Chas. L. Connolly	do	June 6, 1902			720		720.00		
Wm. E. Danaher	do	Nov. 10, 1899	Mar. 8, 1902		720		720.00		
Hugo Ellbring	do	do			720		488.00		
Chas. E. Faulhaber	do	Sept. 25, 1900			720		720.00		
Frank J. Foss	do	Jan. 2, 1900			720		720.00		
Jas. A. Flanagan	do	May 23, 1895			720		302.60		
James Foley	do	July 17, 1893			720		716.08		
Albert W. Ford	do	Nov. 10, 1899			720		720.00		
Wm. Fox	do	Feb. 1, 1894			720		720.00		
M. J. Freckline	do	Mar. 1, 1901	Dec. 21, 1901		720		324.83		
Dani. R. Frost	do	June 6, 1902			720		49.45		
John J. Garrity	do	Sept. 1, 1893			720		720.00		
Frank A. Healy	do	Nov. 10, 1899			720		720.00		
De L. Howard	do	Sept. 15, 1893			720		300.00		
Geo. E. Jaqua	do	May 4, 1899			720		720.00		
Thos. H. Jones	do	Oct. 1, 1901			720		538.10		
Robt. G. Knipple	do	June 8, 1896			720		540.00		
Dani. Lynch	do	Aug. 15, 1893			720		720.00		
John H. McClure	do	Apr. 28, 1902			720		83.04		
C. O. McDonald	do	Dec. 1, 1898			720		720.00		
Jas. McDonald	do	May 1, 1902			720		120.70		
A. J. McFarland	do	Oct. 7, 1901			720		528.31		
Wm. McKay	do	June 27, 1895			720		440.17		
Turner B. Mahoney	do	Aug. 26, 1901			720		242.00		
Michl. Metzger	do	Sept. 15, 1893			720		720.00		
U. C. Midkiff	do	Nov. 10, 1899	Apr. 14, 1902		720		143.71		
Jas. H. O'Brien	do	Jan. 2, 1899			720		716.14		
Frank A. Paddock	do	Feb. 1, 1898			720		178.20		
Henry E. Pieper	do	Apr. 8, 1902			720		130.59		
J. C. Porterfield	do	May 16, 1894			720		704.33		

James M. Rainey	do	June 27, 1885	720	354.41	
Chas. F. Rork	do	July 25, 1901	720	673.10	
Casper J. Schmitt	do	May 1, 1896	720	540.00	
Jas. R. Simpson	do	Oct. 10, 1898	720	180.00	
J. E. Troughton	do	Dec. 1, 1892	720	720.00	
F. R. Washburn	do	Oct. 6, 1898	720	714.18	
Thos. A. White	do	June 24, 1895	720	704.08	
Albert Willey	do	July 25, 1901	720	193.70	
Frank P. Evans	Laborer	Mar. 25, 1902		102.50	
W. D. Mills	do	Sept. 18, 1900		507.50	
Hiram Grable	do	Sept. 1, 1896		104.00	
Union Stock Yard and Transit Co.				\$1,200.00	
John B. Sine					
O. E. Dyson					
S. W. Burt					
Chicago Telephone Co					
Rand, McNally & Co					
Carroll & Lancaster					
Fort Wayne Coal Co					
A. P. Little					
The Globe-Wernicke Co					
Stock Paint Co					
The A. H. Andrews Co					
The Fred. Macey Co., Limited.					
Hibbard, Spencer, Bartlett & Co.					
Thomas E. Duffy					
O'Brien Bros					
Lewis & Oppenheimer					
The Fair					
Wagner Typewriter Co.					
<i>Cedar Rapids, Iowa.</i>					
Trajan A. Shipley	Inspector	July 1, 1896	1,400	1,400.00	40.25
Alfred Day	Stock examiner	Sept. 1, 1898	900	900.00	
Wm. F. Pfaezging	do	Aug. 1, 1894	900	374.20	
D. N. Wheeler	Tagger	July 15, 1898	720		
Do	Stock examiner	Feb. 28, 1902	900	661.10	\$1.50
W. E. Churchill	Laborer	Nov. 1, 1901		408.00	
Chicago and Northwestern Ry. Co.				4.31	
<i>Cudahy, Wis.</i>					
Boyd Baldwin	Inspector	Dec. 1, 1900	1,400	1,400.00	60.94
Isaac N. Krowl	Assistant inspector	Jan. 4, 1901	1,200	1,200.00	
James W. Carney	Stock examiner	Sept. 15, 1894	900	732.37	
Charles Elmer	do	Jan. 1, 1899	900	900.00	
J. J. Molloy	do	June 27, 1895	900	73.40	7.12

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscella- neous.
				Per diem.	Per an- num.	Miscellaneous items.	Salaries.	Travel- ing.	
MEAT INSPECTION—cont'd.									
Cudahy, Wis.—Continued.									
Geo. J. Reinsch	Clerk	May 15, 1895			\$900		\$900.00		
S. D. Gillett	Tagger	Jan. 2, 1899			720		720.00		
John Hoberg	do	June 1, 1901			720		720.00		
Frank Mackut	do	May 1, 1896			720		698.42		
I. Shortridge	do	Dec. 2, 1895			720		119.40	\$7.12	
Kansas City, Kans. and Mo.									
Sam'l. E. Bennett	Inspector	Oct. 1, 1899			1,800		450.00		
Do	do	Oct. 1, 1901			2,000		1,500.00	63.70	\$43.77
A. G. G. Richardson	do	Oct. 1, 1899			2,000		1,282.10	6.60	
W. C. Barth	do	Sept. 1, 1898			1,400		89.40		
Thos. W. Carnahan	do	Mar. 1, 1901			1,400		1,382.43		
Herbert B. Chaney	do	Apr. 1, 1901			1,400		1,400.00		
W. Ross Cooper	do	Sept. 15, 1900			1,400		1,400.00		
C. H. Davies	do	Sept. 18, 1891			1,400		1,167.90		
Harrison H. George	do	Mar. 1, 1901			1,400		1,400.00		
Benj. F. Kaupp	do	June 1, 1900			1,400		1,400.00		
Wm. R. Andrews	Assistant inspector	Aug. 23, 1900			1,200		560.86		
Henry C. Babcock	do	July 1, 1900			1,200		701.10		
Nelson V. Boyce	do	June 1, 1900			1,200		600.00		
S. H. Caldwell	do	Dec. 27, 1900			1,200		300.00		
C. A. Clawson	do	do			1,200		998.90		
Horace H. Collins	do	May 24, 1902			1,200		125.27		
Chas. F. Flocken	do	Aug. 1, 1901			1,200		1,080.97		
Willis R. French	do	Aug. 5, 1901	Feb. 6, 1902		1,200		609.14		
Warren J. Fretz	do	Sept. 1, 1900			1,200		1,193.47		
B. A. Gallagher	do	Aug. 20, 1901			1,200		1,080.34		
John S. Grove	do	Apr. 10, 1899			1,200		1,293.50		
Do	Inspector	May 1, 1902			1,400		202.20		
Harry J. Hammond	Assistant inspector	Aug. 23, 1900			1,200		101.10		
Robert Jay	do	Mar. 25, 1901			1,200		596.70		
Chas. H. Jewell	do	Jan. 2, 1902			1,200		1,059.55		
Wm. F. Jones	do	Aug. 5, 1901			1,200		1,036.93		
D. S. Kanstoroom	do	Aug. 20, 1901			1,200		735.91		
Jos. S. Keane	do	July 20, 1898			1,200		1,200.00		
Wm. F. Lavery	do	Aug. 23, 1900			1,200				

Robt. B. Leeper	do	Aug. 22, 1901			1,200	1,030.41
Albert Long	do	Dec. 1, 1898			1,200	600.00
Chas. A. McCall	do	Apr. 1, 1901			1,200	1,200.00
R. W. McKibbin	do	May 6, 1902			1,200	184.61
W. H. McKinney	do	Oct. 1, 1900	Dec. 27, 1901		1,200	485.84
Jens Madsen	do	Aug. 22, 1901			1,200	1,030.41
Wesley N. Nail	do	Oct. 16, 1899			1,200	101.10
E. M. Nighbert	do	Mar. 14, 1902			1,200	333.63
Lewis A. Nutting	do	Aug. 22, 1901			1,200	1,010.84
Isaac W. O'Rourke	do	June 1, 1900			1,200	202.20
Jas. L. Otterman	do	Aug. 18, 1898			1,200	897.80
Walter E. Pick	do	May 23, 1901			1,200	1,200.00
Thos. W. Scott	do	Apr. 10, 1900			1,200	101.10
Nathl. B. Smith	do	June 15, 1900			1,200	1,045.05
A. W. Swedberg	do	Dec. 10, 1895			1,200	1,136.70
R. H. Thomas	do	Dec. 15, 1900	Oct. 23, 1901		1,200	355.00
Norris L. Townsend	do	June 15, 1900			1,200	1,188.00
Harry B. Treman	do	Aug. 5, 1901			1,200	378.28
Zachary Veldhuis	do	Mar. 14, 1902	June 14, 1902		1,200	307.25
Frank I. Winant	do	June 1, 1902			1,200	98.90
Wm. C. Wootton	do	Oct. 7, 1901			1,200	867.38
John S. Biggs	do	Nov. 15, 1900			900	900.00
Hiram G. Herrick	Clerk	do			900	900.00
L. N. Vance	do	do			900	900.00
George D. Young	do	Feb. 1, 1896			900	900.00
Charles Adams	do	Nov. 15, 1900			900	900.00
E. W. Bell	Stock examiner	May 1, 1896			900	897.57
C. E. Blackmar	do	do			900	897.57
Wm. Burgess	do	Feb. 1, 1898			900	900.00
Oliver W. Byrd	do	May 1, 1896			900	900.00
L. S. Campbell	do	Aug. 1, 1898			900	900.00
Geo. T. Cathel	do	Feb. 1, 1901			900	900.00
J. D. Cooper	do	Feb. 12, 1894			900	897.57
Josiah D. Fiora	do	Nov. 15, 1894			900	900.00
Geo. A. Franklin	do	May 16, 1895			900	897.57
Harry D. Freeman	do	June 17, 1895			900	900.00
Moses W. Games	do	Oct. 1, 1895			900	900.00
Washington Gobble	do	Feb. 1, 1901			900	824.20
R. E. L. Jackson	do	Feb. 15, 1894			900	900.00
Milton C. Lint	do	Nov. 19, 1894			900	835.97
John L. Lobb	do	Feb. 1, 1901			900	900.00
T. A. McLeiland	do	May 1, 1894			900	900.00
H. R. McNally	do	Oct. 1, 1900			900	897.57
M. J. Madden	do	Feb. 1, 1901			900	900.00
Porter J. Morgan	do	May 1, 1896			900	892.68
Henry Morley	do	May 7, 1894			900	900.00
Clayton E. Moss	do	Oct. 1, 1900			900	900.00
J. H. Richardson	do	Sept. 1, 1898			900	824.20
Chas. W. Rowse	do	May 3, 1894			900	900.00
Morey Sapington	do	Nov. 11, 1895			900	900.00
Wm. H. Saunders	do	Aug. 1, 1898			900	900.00
Saml. W. Smith	do	Feb. 1, 1901			900	900.00
	do	May 1, 1896			900	714.56

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
<i>Kansas City, Kans., and Mo.—Continued.</i>									
A. E. Wagner	Stock examiner	May 1, 1894			\$900		\$895. 09		
Alfred L. Bailey	Tagger	Jan. 18, 1900			720		659. 40		
Joseph G. Beattie	do	Dec. 1, 1898			720		59. 30	\$9. 05	
James M. Benton	do	Nov. 1, 1901	Apr. 8, 1902		720		273. 51		
Anson W. Biggs	do	Aug. 1, 1901			720		298. 00		
Geo. W. Bromell	do	Nov. 5, 1901			720		457. 77		
Geo. E. Butin	do	Oct. 24, 1901			720		59. 30	7. 90	
Earl C. Cannon	do	Aug. 26, 1901			720		610. 54		
B. Cunningham	do	Dec. 15, 1893			720		479. 40	8. 45	
Ernest D. Everett	do	Oct. 10, 1900			720		720. 00		
Matt. A. Farley	do	Jan. 16, 1901			720		653. 54		
Albert Fowkes, sr	do	Aug. 18, 1897			720		720. 00		
Wm. A. Fry	do	Nov. 5, 1901			720		471. 47		
Wm. B. Garlick	do	Aug. 1, 1897			720		720. 00		
John E. Hart	do	Oct. 15, 1897			720		708. 00		
A. J. Henley	do	May 1, 1895			720		420. 60	5. 00	
H. C. Johnson	do	June 17, 1901			720		720. 00		
August Jost	do	Aug. 18, 1897			720		720. 00		
Harrison H. Knox	do	Nov. 1, 1897			720		720. 00		
Edgar N. La Rue	do	May 15, 1899	Sept. 30, 1901		720		119. 40		
Roy C. Livers	do	Aug. 26, 1901			720		610. 54		
Orrin W. Noyes	do	June 17, 1901			720		356. 80		
Wm. F. Osborn	do	June 18, 1901			720		298. 00		
Daniel S. Platt	do	Jan. 22, 1894			720		720. 00		
Thomas B. Rea	do	May 24, 1900			720		712. 13		
J. W. Shannon	do	Feb. 1, 1894			720		720. 00		
Jas. R. Stafford	do	Feb. 7, 1898			720		720. 00		
Jas. M. Steel	do	Aug. 1, 1897			720		720. 00		
O. A. Stingley	do	Jan. 16, 1899			720		718. 10		
Thos. R. Taylor	do	Oct. 10, 1900	Feb. 19, 1902		720		460. 00		
Nelson E. Weaver	do	Jan. 3, 1898			720		720. 00		
Robert Ivers	Laborer	Jan. 10, 1900		\$2. 00			624. 00		
Jennie Tunstall	Assistant microscopist	Sept. 1, 1893			600		143. 36		
A. G. Bibb						Traveling expenses		11. 15	
Chicago, Burlington and Quincy R. R. Co.						Transportation, Wyatt and Olson.		11. 60	

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Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MEAT INSPECTION—cont'd.								
South Omaha, Nebr.—C't'd.								
W. H. Timmons	Stock examiner	June 24, 1901			\$900		\$73.40	
Henry C. Williams	do	Feb. 1, 1901			900		900.00	
T. J. Alexander	Tagger	Aug. 1, 1897			720		708.16	
Jos. G. Beattie	do	Dec. 1, 1898			720		654.74	
Jacob Burkhard	do	May 16, 1893			720		718.00	
Chas. E. Campbell	do	Dec. 1, 1898			720		720.00	
James Condon	do	Aug. 4, 1897			720		700.43	
W. W. Crandall	do	June 1, 1897			720		700.00	
Reuben Forbes	do	Aug. 1, 1897			720		720.00	
Elias Gilmore	do	Feb. 10, 1898			720		720.00	
Orlando W. Helvey	do	Dec. 1, 1898			720		718.93	
Anton Kostal	do	May 16, 1893			720		720.00	
Thomas Luddy	do	Feb. 15, 1895			720		720.00	
Henry M. Lint	do	Nov. 18, 1901			720		446.03	
John McCann	do	June 25, 1895			720		720.00	
Arthur E. Miller	do	May 10, 1899			720		209.90	
Herman V. Persells	do	Nov. 15, 1901			720		178.66	
Chris. M. Raff	do	Mar. 9, 1898			720		657.46	
Isaiah Richards	do	Dec. 1, 1898			720		599.30	
Saml. A. Risley	do	Oct. 1, 1898			720		720.00	
Jas. T. Robertson	do	Nov. 1, 1897			720		67.21	
Geo. H. Robinson	do	May 28, 1902			720		479.40	
L. Schisby	do	Nov. 6, 1893			720		720.00	
Geo. H. Schroeder	do	Aug. 1, 1898			720		720.00	
Floyd W. Schatzell	do	Jan. 2, 1899			720		720.00	
Harry A. Schatzell	do	Aug. 4, 1897			720		720.00	
Chas. S. Scranton	do	Mar. 20, 1901			720		720.00	
Philip Smith	do	May 22, 1893			720		714.08	
Thos. M. Smith	do	Oct. 15, 1900			720		58.80	3.05
John Summers	do	May 16, 1893			720		58.80	3.05
Clemmons G. Sutton	do	June 17, 1901	Dec. 30, 1901		720		354.24	
S. J. Valentine	do	Oct. 16, 1894			720		720.00	
Walker Walsh	do	May 16, 1893			720		58.80	3.05
James Austin	do	July 1, 1901					714.00	
John Dufcek	Laborer	July 29, 1901			α\$60.00		392.00	
J. O. Eastman	do	July 1, 1897			2.00		346.00	1.59
H. G. Fitzmaurice	do				2.00		10.00	

Fremont, Elkhorn and Missouri Valley E. R. Chicago and Northwestern Rwy. Co. Don C. Ayer Nebraska Telephone Co. Frontier Towel Supply Co. J. S. Stott Glynn & Smith L. Berger	Inspector	May 1, 1901			Transportation, Davison	12.35
Willis B. Lincoln	Inspector	May 1, 1901	1,400		Transportation, Pfaeing	8.35
<i>Nashville, Tenn.</i>						
<i>Boston, Mass.</i>						
Thos. W. Carnachan	Inspector	Mar. 1, 1901	1,400		Hire, saddle horse	\$180.00
James Johnston	do	June 1, 1900	1,400		Telephone rental	54.00
John A. Kiernan	do	Sept. 15, 1900	1,400		Towel laundry	11.43
Alfred F. Martins	do	Apr. 1, 1901	1,400		Ink and mucilage	9.35
P. H. Muldowney	do	Jan. 11, 1901	1,400		Drayage	5.00
Harry Q. Thompson	do	Feb. 1, 1901	1,400		do	2.85
Edgar A. Crossman	Assistant inspector	July 1, 1900	1,200			
A. C. Fitzpatrick	do	Aug. 23, 1900	1,200			
Dani. S. Hays	do	Dec. 1, 1899	1,200			
Albert Long	do	Dec. 1, 1898	1,200			
Do	Inspector	Mar. 1, 1902	1,400			
Geo. B. Morse	Assistant inspector	Aug. 15, 1899	1,200			
F. L. Stevens	do	July 10, 1899	1,200			
Alex. E. Wight	do	Dec. 15, 1898	1,200			18.10
Do	Inspector	Mar. 1, 1902	1,400			
Cyrus K. Small	Clerk	Oct. 1, 1899	1,000			
Wm. P. Cherrington	Stock examiner	Dec. 1, 1894	900			
Philip J. Fanning	do	Feb. 1, 1896	900			
Geo. D. Warner	do	July 1, 1898	900			
Alfred L. Bailey	Tagger	Jan. 18, 1900	720			
Wm. A. Baldwin	do	May 27, 1901	720			
Winfield E. Berry	do	June 1, 1899	720			
Chas. C. Conley	do	Aug. 26, 1901	720			
John L. Ewing	do	do	720			
Michl. F. Henry	do	do	720			
C. B. Hutchinson	do	Mar. 1, 1900	720			
Jas. S. Keneally	do	May 23, 1898	720			
Do	do	Oct. 1, 1901	900			
John S. Neagle	Stock examiner	June 20, 1901	720			
Thomas Noonan	Tagger	Aug. 23, 1901	720			
Frank P. Nowlan	do	Apr. 20, 1899	720			
The Wabash E. R. Co.	do				Transportation, A. Long	
A. G. G. Richardson	do				Livery and miscellaneous expenses.	53.00
						75.21

a Per month.

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per an- num.	Miscellaneous items.	Salaries.	Travel- ing.	Miscella- neous.
MEAT INSPECTION—cont'd.									
Boston, Mass.—Continued.									
S. E. Bennett.....								\$72.25	\$156.29
James M. Codman.....						Livery, miscellaneous, and travel.			120.00
Fifty Associates.....						Rent.....			60.00
New England Telegraph and Telephone Co.						Telephone rental.....			105.00
Jerald Street.....						Janitor service			48.00
Metropolitan Coal Co.						Coal.....			22.15
Buffalo, N. Y.									
John P. O'Leary.....	Inspector	Sept. 15, 1900			\$1.400			\$402.70	
Louis A. Robinson.....	do	Jan. 1, 1897			1.400			823.10	
Bernrd. P. Wende.....	do	Sept. 11, 1893			1.400			344.80	
Harry M. Ball.....	Assistant inspector	May 1, 1896			1.200			856.30	
Do.....	Inspector	Mar. 1, 1902			1.400				
W. N. D. Bird.....	Assistant inspector	June 1, 1898			1.200			926.90	
Do.....	Inspector	Sept. 1, 1901			1.400			723.16	
Clarence O. Duffee.....	Assistant inspector	June 25, 1900			1.200			794.50	
Herman E. Ryder.....	do	July 14, 1899			1.200				
Inspector		June 15, 1902			1.400				
Clerk		Jan. 1, 1900			900			900.00	
Stock examiner		Feb. 15, 1896			900			290.54	
Harrison L. Newton.....	do	Nov. 8, 1894			900			900.00	
Henry L. Rieman.....	do	Feb. 15, 1895			900			900.00	
Michl. Chojnecki.....	Tagger	Apr. 16, 1894			720			479.40	
Geo. M. Dishong.....	do	Dec. 12, 1901			720			389.13	
Ransom Hinkson.....	do	Apr. 25, 1896			720			62.00	
Michl. Justinger.....	do	July 1, 1893			720			350.73	
Jas. L. McGill.....	do	Aug. 13, 1900			720			720.00	
John Mazurowski.....	do	July 10, 1893			720			668.00	
Chas. W. Pagtic, jr.....	do	Mar. 6, 1901			720			298.00	
Geo. F. Waggoner.....	do	June 10, 1901			720			717.34	
G. H. Zink.....						Livery, and miscellaneous expenses.			393.88

						Office rent		
East Buffalo Live Stock Exchange Co.								180.00
The Office Toilet Supply Co.						Towels; laundry		11.70
Peter Paul & Co.						Copying press and stand		15.00
<i>Los Angeles, Cal.</i>								
Charles Keane.....	Inspector.....	July 16, 1900				1.400	1.400	
John F. Nelson.....	Stock examiner.....	Aug. 15, 1896				900	900.00	
A. J. O'Rourke.....	" do	Nov. 10, 1896				900	900.00	
M. J. P. Nolte.....	Tagger.....	July 1, 1896				720 }	855.00	
Do.....	Stock examiner.....	Oct. 1, 1901				900 }		
Edw. E. Stephens.....	Tagger.....	Dec. 9, 1896				720 }	855.00	
Do.....	Stock examiner.....	Oct. 1, 1901				900 }	42.00	305.60
Geo. L. Pierce.....	Laborer.....		\$2.00					
Charles Keane.....								
Sunset Telegraph and Telephone Co.						Livery, and miscellaneous expenses,		38.50
						Telephone rental		
<i>Indianapolis, Ind.</i>								
Niels C. Sorensen.....	Inspector.....	Jan. 16, 1901				1.600	1,600.00	68.63
T. L. Armstrong.....	do	May 1, 1897				1.400	1,312.47	
Chas. H. Canfield.....	do	Apr. 1, 1901				1.400	1,400.00	
Orrin W. Snyder.....	do	June 1, 1900				1.200	1,200.00	
John B. Hollenbeck.....	Assistant inspector.....	June 25, 1900				1.200	1,200.00	
James C. Keely.....	do	Mar. 1, 1898				1.200	1,200.00	
C. F. Palmer.....	do	Oct. 16, 1899				1.200	1,200.00	
Robt. Turnbull.....	do	Feb. 21, 1900				1.200	1,200.00	
Harry K. Walter.....	do	Jan. 15, 1900				1.200	1,200.00	
Jacob Fox.....	Stock examiner.....	Jan. 1, 1894				1.200	1,198.36	
Geo. W. Koontz.....	do	Feb. 19, 1894				900	900.00	
Jas. W. Wampler.....	do	Jan. 1, 1894				900	900.00	
John H. Carroll.....	Clerk.....	Jan. 16, 1901				900	900.00	
Martin P. Grady.....	do	Oct. 1, 1898				840	840.00	
George S. Jones.....	do	Mar. 10, 1898				840	840.00	
Ralph E. Compton.....	Tagger.....	Dec. 2, 1901				720 }	418.70	
Lewis S. Dreyer.....	Laborer.....	Oct. 10, 1898						
Do.....	Tagger.....	July 22, 1901	2.00			720 }	596.74	
Will A. Frantz.....	do	Nov. 18, 1895				720	665.27	
Wm. A. Skinner.....	do	Nov. 18, 1895				720	717.94	
Syl. S. Sowers.....	do	Nov. 21, 1898				720	720.00	
Willard H. Treat.....	do	July 14, 1899				720	121.20	
Wm. Agal.....	Laborer.....	Aug. 9, 1901	2.00				536.00	
Joseph Foppiano.....	do	Jan. 21, 1899	2.00				208.00	
Henry F. Hubbard.....	do	Aug. 9, 1901	2.00				554.00	
Belt Railroad and Stock Yard Co.						Office rent		120.00
New Telephone Co.						Telephone rental		80.00
The Sanborn-Marsh Electric Co.						Electric fans		29.00

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Per month.

Clement Bevelot	do	Dec. 1, 1893	720	715.98	
Joseph G. Carr	do	Feb. 15, 1895	720	720.00	
Wm. J. Doyle	do	do	720	422.00	
Robert Gray	do	June 24, 1895	720	720.00	
Chas. K. Hartwell	do	Feb. 15, 1902	720	270.00	
Edw. C. Lauck	do	Oct. 12, 1898	720	422.00	
Wm. R. Moliere	do	Feb. 12, 1902	720	276.00	
Ben E. Newman	do	Aug. 1, 1901	720	637.93	
Solomon C. Shale	do	July 25, 1901	720	671.14	
Edw. O. Spenke	do	Apr. 1, 1898	720	129.80	4.10
Do.	Clerk.	Aug. 1, 1901	840		
Joseph Sullivan	Tagger	Feb. 15, 1895	720	720.00	
Timothy P. White	do	July 25, 1901	720	673.10	
St. Louis National Stock Yards.			Officer rent		(300.00)
New York, N. Y.					
Harry N. Waller	Inspector	Nov. 15, 1900	1,800	1,800.00	67.30
Louis Abel	do	July 1, 1900	1,400	1,400.00	
John A. Kiernan	do	Sept. 15, 1900	1,400	932.10	
John V. Laddcy	do	Apr. 1, 1901	1,400	1,024.16	
Emil Balzer	Microscopist	June 17, 1901	1,400	1,400.00	
Emerson J. Cary	Assistant inspector	June 1, 1900	1,200	1,030.45	
Jno. D. De Ronde	do	Oct. 1, 1900	1,200	1,200.00	
Wm. Eckl.	do	July 22, 1901	1,200	1,131.51	
John B. Hopper	do	Mar. 15, 1898	1,200	1,204.00	
Do.	Inspector	Mar. 1, 1902	1,400	1,193.47	
Wm. R. Hynes	Assistant inspector	June 1, 1900	1,200	1,200.00	
Russell G. Lawton	do	Feb. 15, 1900	1,200	1,200.00	
Monroe B. Miller	do	Feb. 1, 1890	1,200	933.53	
Do.	Inspector	Mar. 1, 1902	1,400		
John W. Montague	Assistant inspector	Mar. 25, 1901	1,200	1,200.00	
Fredk. L. Stevens	do	July 10, 1899	1,200	401.10	
Jos. J. Thackaberry	do	Apr. 20, 1899	1,200		
Do.	Inspector	May 1, 1902	1,400	1,233.50	
Archd. H. Wallace	Assistant inspector	Feb. 23, 1899	1,200	300.00	
Do.	Inspector	Apr. 1, 1902	1,400	1,200.00	
Eph. Dietrich	Clerk	Apr. 1, 1900	1,200	1,020.65	
W. A. Willard	do	Sept. 1, 1893	1,200	900.00	
Hiram Jerome	Stock examiner	Oct. 12, 1897	900	892.69	
Henry Schauer	do	Dec. 9, 1895	900	720.00	
Jno. L. Burgess	Tagger	May 1, 1900	720		
J. F. Butterfass	do	Mar. 2, 1896	720		
Do.	Stock examiner	Oct. 1, 1901	900	855.00	
Frank J. Glimore	Tagger	Feb. 1, 1896	720	592.88	
Fred. J. Goebel	do	Sept. 7, 1891	720	(880.00)	
John J. Haggerty	do	Mar. 2, 1896	720		
Do.	Stock examiner	Oct. 1, 1901	900	855.00	
Edw. P. Hogan	Tagger	Feb. 12, 1901	720	720.00	
Jas. E. Lovejoy	do	Mar. 1, 1900	720	720.00	
John F. Luepke	do	May 23, 1895	720	720.00	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MEAT INSPECTION—cont'd.								
New York, N. Y.—Continued.								
John C. Oren.	Tagger.	Jan. 2, 1900			\$720		\$720.00	
Frank D. Owen.	do	Feb. 1, 1900			720		720.00	
John B. Roberts.	do	Mar. 10, 1900			720		635.82	
Linus E. Sargent.	do	Aug. 1, 1900			720		720.00	\$9.70
Henry Schnopp.	do	Sept. 15, 1893			720		720.00	
Stephen A. Selby.	do	Dec. 2, 1895			720			
Do.	do	Oct. 1, 1901			900		855.00	
Chauncey P. Staines.	Stock examiner.	Sept. 20, 1900			720		360.66	
Tagger.	do	June 26, 1899			720		579.56	
W. F. R. Workheiser.	do	Feb. 16, 1901					734.50	
Richman Coles.	Laborer.	Sept. 10, 1901		\$2.00				
Do.	do	Nov. 25, 1901		2.50				
Charles Paul.	do			2.00			348.00	
Emma J. Adams et al.	do					Office rent.		480.00
New York Telephone Co.	do					Telephone rental.		79.90
Hiram Jerome.	do					Street car fares.		35.15
John F. Luepke.	do					do		19.55
Eph. Dietrich.	do					do		9.80
Louisville, Ky.								
Thos. J. Turner.	Inspector.	Jan. 1, 1897			1,400			
Do.	do	Sept. 1, 1901			1,600		1,518.59	
John J. Hayes.	Assistant inspector.	Apr. 10, 1901			1,200		303.26	
W. T. Sparhawk.	do	Feb. 21, 1900			1,200		1,200.00	
Herbert M. Smith.	do	Mar. 1, 1899			1,200			
Do.	do	June 1, 1902			1,400		1,216.50	
Inspector.	do	Mar. 4, 1901			840		840.00	
Clerk.	do	Jan. 1, 1901			900		900.00	
Stock examiner.	do	Feb. 1, 1901			900		900.00	
Hogan Gaines.	do	Mar. 2, 1896			900		900.00	
G. H. Woolfolk.	do	Dec. 1, 1898			720		597.36	
Jas. W. Chowning.	Tagger.	May 7, 1902	Apr. 30, 1902		720		108.75	
Leon Durham.	do	Dec. 1, 1898			720		414.78	10.20
Walter M. Foster.	do	Jan. 28, 1901			720		720.00	
James L. King.	do	Nov. 20, 1901			720		17.61	
Jos. Vanderheid.	do		Dec. 9, 1901					
Bourbon Stock Yard Co.	do					Office rent.		120.00

Ottumwa, Iowa.

Joshua Miller	Inspector	Jan. 1, 1899	1,400	1,381.01	31.50
Willard A. Savage	do	Apr. 1, 1901	1,400	117.90	
Abraham Mader	Stock examiner	Jan. 1, 1894	900	900.00	
John B. Payton	Tagger	July 16, 1897	720	718.10	
D. N. Wheeler				Traveling expenses.	16.19
South St. Joseph, Mo.					
John Forbes	Inspector	Sept. 1, 1898	1,600	1,600.00	29.50
J. E. Blackwell	do	Aug. 1, 1893	1,400	1,386.23	
R. J. Blanche	do	Mar. 1, 1901	1,400	1,047.50	4.00
Geo. A. Bond	do	do	1,400	235.80	
James Wilson	do	June 1, 1900	1,400	696.23	
John B. Wright	do	May 1, 1901	1,400	1,400.00	
Wm. E. Day	Assistant inspector	Mar. 25, 1901	1,200	1,196.73	
Ora W. Everly	do	Jan. 13, 1902	1,200	560.03	
Wm. P. Hill	do	Dec. 18, 1901	1,200	232.28	
Albert N. Irwin	do	Aug. 5, 1901	1,200	884.74	
Raymond Johnson	do	Aug. 1, 1899	1,200	1,200.00	
F. C. McGurdy	do	Apr. 1, 1898	1,200	1,200.00	
Chas. J. Morrow	do	Aug. 23, 1900	1,200	1,196.77	
Claude McFarland	do	June 12, 1900	1,200		
Do	Inspector	Sept. 16, 1901	1,400	208.79	30.70
Do	Assistant inspector	May 15, 1902	1,200		
Wm. O. McHugh	do	May 10, 1902	1,200		
B. W. Murphy, jr	do	Nov. 11, 1899	1,200	164.83	
Milton T. Perry	do	May 1, 1902	1,200	1,196.73	
Xavia I. Richmond	do	May 23, 1901	1,200	1,186.97	
Silas L. Shaw	do	May 23, 1901	1,200	154.94	
John A. Sloan	do	June 20, 1899	1,200	600.00	
Do	Inspector	June 16, 1902	1,400	1,198.38	
Inspector	Stock examiner	Feb. 1, 1901	900	634.97	
Frank A. Benton	do	May 1, 1894	900	450.00	
Moses W. Games	do	Feb. 1, 1901	900	75.80	
Clayton E. Moss	do	Sept. 1, 1898	900	75.80	
Thos. Redmond	do	June 10, 1901	900	824.20	
Wm. Yenner	do	Feb. 1, 1901	900	450.00	
Wm. E. Mowrer	Clerk	May 1, 1900	840	841.02	
Do	Stock examiner	June 25, 1902	900		
Harry E. Armstrong	Tagger	Dec. 23, 1901	720	358.00	
Geo. M. Betts	do	Apr. 1, 1901	720	720.00	
Dallas W. Conner	do	Dec. 16, 1901	720	377.61	
P. P. Druckenmiller	do	July 18, 1898	720	723.66	
Do	Clerk	June 20, 1902	840		
Edw. E. Fleming	Tagger	June 17, 1901	720	419.40	6.75
Chas. W. Garrett	do	Feb. 15, 1901	720	714.18	
Robt. E. Goodin	do	Sept. 5, 1899	720	287.56	
Buren Graham	do	Aug. 1, 1901	720	643.53	
F. H. Herlinger	do	Nov. 1, 1901	720	414.60	
James E. Hill	do	Oct. 20, 1901	720	217.07	

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
South St. Joseph, Mo.—C't'd.									
James M. Lawson	Tugger	Dec. 26, 1901			\$720		\$371.74		
Orrin L. Leighton	do	Nov. 1, 1901			720		479.40		
Matt. A. Farley, jr.	do	Jan. 16, 1901			720		60.60		
Jore. C. Leysier	do	Nov. 1, 1901			720		479.40		
Wm. R. McGuire	do	Aug. 26, 1901			720		610.54		
R. M. Mahana	do	June 1, 1893			720		720.00		
Turner B. Mahoney	do	Aug. 26, 1901			720		368.54		
Chas. W. Meyer	do	June 19, 1902			720		15.82		
O. E. G. Olmsted	do	Apr. 1, 1901			720		720.00		
Fredk. O. Peffrey	do	Jan. 16, 1899			720		718.10		
Arthur Sherman	do	Dec. 20, 1900			720		478.00		
Wallace L. Upton	do	Oct. 1, 1899			720		704.24		
Chas. T. Welch	do	Apr. 1, 1901			720		720.00		
John Dufcek	Laborer	July 29, 1901		\$2.00			156.00	\$4.95	
J. O. Eastman	do	July 1, 1897		2.00			102.00		
Chas. L. Klingman	do	Apr. 1, 1902					154.00	6.50	
Chicago Great Western Rwy. Co.						Transportation, Fleming			
Burlington and Missouri River R. R. in Nebraska.						Transportation, Dufcek		3.95	
St. Joseph Stock Yards Co.						Rent			\$540.00
John Forbes						Hire, horse and buggy			180.00
Missouri and Kansas Telephone Co.						Telephone rental			50.00
South St. Joseph Coal Co.						Ice			7.95
Combe Printing Co.						Copy press, file, and ink.			7.31
San Francisco, Cal.									
George S. Baker	Inspector	Nov. 1, 1896			1,000		1,600.00		69.45
John J. Borden	Stock examiner	Mar. 2, 1896			900		897.57		
Ambrose McSweeney	do	Feb. 15, 1896			900		900.00		
John E. Munn	do	Jan. 1, 1897			900		900.00		
John H. Webster	Tagger	Mar. 2, 1896			720		719.05		
Southern Pacific Co. (Pacific system).						Transportation, O. B. Hess		17.00	
O. B. Hess						Traveling expenses		27.75	

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Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MEAT INSPECTION—cont'd.								
St. Louis, Mo.								
J. J. Broughan	Inspector	Dec. 15, 1900			\$1,800		\$900.00	
W. S. Cass	do	Sept. 1, 1898			1,400		700.00	\$36.00
Chester Miller	do	May 1, 1901			1,400		1,400.00	12.00
D. Clifton Burnett	Assistant Inspector	June 15, 1900			1,200		1,200.00	
Duncan R. Gillies	do	June 1, 1900			1,200		1,200.00	
Geo. G. Grundy	do	Oct. 3, 1900			1,200		1,123.51	
J. J. Hougendobler	do	Jan. 11, 1902			1,200		566.70	
Thomas B. Pote	do	Apr. 2, 1900			1,200		1,200.00	
Geo. H. Boughner	Live stock agent	Nov. 16, 1896			900		900.00	
Adelbert G. Bibb	Stock examiner	Mar. 1, 1896			900		824.20	
Frank Canon	do	Apr. 1, 1894	Dec. 26, 1901		900		396.21	
George Markert	do	July 18, 1898			900		900.00	
J. O. W. Alexander	Clerk	Oct. 1, 1899			840		840.00	
James Ford	Tagger	Sept. 23, 1896			720		720.00	
Edgar N. La Rue	do	May 15, 1899	Sept. 30, 1901		720		60.60	
Arthur A. Mahoney	do	Feb. 15, 1901			720		720.00	
Matt. O'Keefe	do	Mar. 2, 1896			720		720.00	
Francis C. O'Rourke	do	Dec. 19, 1901			720		385.43	
W. S. Cass	do					Hire, horse any buggy		156.00
J. J. Broughan	do					do		210.00
Simmons Hardware Co.	do					Wringer		2.00
Detroit, Mich.								
Louis K. Green	Inspector	May 1, 1900			1,400		1,400.00	.54
Harry C. Jacobs	Tagger	May 10, 1899			720		720.00	
Joseph M. Sommer	do	Oct. 1, 1896			720		720.00	
Harry M. Ball	do					Traveling expenses		\$57.63
Pittsburg, Pa.								
Benj. Howes	Inspector	Feb. 1, 1901			1,400		1,400.00	
H. L. Bollinger	Tagger	May 15, 1900			720		720.00	
Morton Magee	do	Nov. 11, 1898			720		720.00	
F. W. Ainsworth	do					Office expenses		12.57

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Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MEAT INSPECTION—cont'd.								
Portland, Oreg.—Cont'd.								
Oliver E. Melvin	Laborer	July 25, 1901		\$2.00			\$526.00	
Elmon H. Miller	do			2.00			64.00	
O. B. Hess						Traveling expenses		\$38.70
Pacific Coast S. S. Co.						Transportation, Wells		27.50
Wichita, Kans.								
Jno. Cooper Milnes	Inspector	May 24, 1901			\$1,600		1,600.00	\$8.00
Adelbert G. Bibb	Stock examiner	Mar. 1, 1896			900		73.37	
Thomas W. Oshel	do	July 1, 1897			900		900.00	
Henry Singleton	do	Feb. 1, 1901			900		900.00	
Wm. E. Hall						Traveling expenses		32.74
Davenport, Iowa.								
George Dittwig	Inspector	May 1, 1900			1,400		1,400.00	10.00
Geo. C. Burke	Stock examiner	Dec. 1, 1893			900		900.00	
John Trainer	do	June 27, 1895			900		900.00	
W. A. Savage						Traveling expenses		26.84
Marshalltown, Iowa.								
Ira K. Atherton	Inspector	Sept. 1, 1898			1,400		1,165.40	
Richd. J. Blanche	do	Mar. 1, 1901			1,400		234.60	9.80
Edw. E. Fleming	Tagger	June 17, 1901			720		294.80	5.95
W. D. Mills	Laborer	Sept. 18, 1900		2.50			240.00	
Don W. Patton						Traveling expenses		13.65
Bloomington, Ill.								
Fredk. Braginton	Inspector	May 16, 1893			1,400		1,400.00	4.40
Chas. Vandervoort	Tagger	do			720		720.00	
W. A. Savage						Traveling expenses		50.30
Brightwood, Mass.								
Wilbur J. Murphy	Inspector	June 1, 1900			1,400		1,400.00	
Albert C. Chapin	Tagger	Feb. 14, 1899			720		704.22	41.35
John A. Kiernan						Traveling expenses		

BUREAU OF ANIMAL INDUSTRY.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Seattle, Wash.									
Clarence Loveberry	Assistant inspector	Feb. 21, 1901							
Dan. McSweeney	Stock examiner	Feb. 1, 1902		\$1,200			\$1,200.00		\$32.80
Wm. R. Suttler	Tagger	June 5, 1899		900			372.50		
Do	Stock examiner	Oct. 1, 1901		720					
O. B. Hess				900			855.00		
						Traveling expenses		\$9.20	
Tacoma, Wash.									
O. B. Hess	Inspector	July 1, 1896		1,400			1,566.20		14.00
Do	do	Sept. 1, 1901		1,600					
Chas. H. Schultz	Tagger	July 5, 1900		720			720.00		
C. Loveberry						Traveling expenses		23.20	
Northern Pacific Rwy. Co.						Transportation, Hess		4.35	
Topeka, Kans.									
W. C. Barth	Inspector	Sept. 1, 1898		1,400			117.90		
F. L. De Wolf	do	June 1, 1900		1,400			1,400.00	9.37	2.98
Wm. E. Hall	Tagger	Dec. 1, 1899		720			720.00	6.87	
Howard C. Johnson	do	June 17, 1901		720			299.40		
E. E. Laird	do	Sept. 15, 1897		720			622.80		
Herbert B. Chaney						Traveling expenses		23.25	
B. Cunningham						do		5.10	
Thompson Bros						Office furniture		40.40	
Worcester, Mass.									
Edw. P. Dowd	Inspector	Jan. 1, 1899		1,400			1,400.00		
Henry Leland	Tagger	Feb. 1, 1898		720			299.40		
Do	Stock examiner	Jan. 1, 1902		900			385.43		
P. J. McPartland	Tagger	Dec. 19, 1901		720					
Miscellaneous.									
Geo. E. Howard & Co						Meat inspection, labels, boxes, and glue.			19,001.00
The Friedenwald Co						Meat inspection stamps			7,776.25

Chicago Car Seal and Manufacturing Co.	Car seals	2,735.80
American Tag Co.	Meat inspection and "condemned" tags.	869.00
Dennison Manufacturing Co.	Meat inspection tags.	440.00
S. D. Childs & Co.	Meat inspection and "rejected" tags.	130.00
R. P. Andrews & Co., Inc.	Copying books	163.20
E. J. Brooks & Co.	Seal presses and handles	83.75
Tyer Rubber Co.	Rubber tips	45.36
Richard L. Lamb.	Violet stamping ink	41.40
American Can Co.	Ink cans	37.50
Miller Lock Co.	Padlocks and keys	35.00
D. Frank Parker	Typewriter supplies	32.65
C. B. Porter & Co.	Tin boxes and labels	32.00
Church & Stephenson	Lumber	32.00
James S. Topham	Leather belts	13.00
U. S. Envelope Co.	Envelopes	13.70
Ernest Betz	Tin boxes	10.80
John C. Parker	Blue and ledger paper	10.15
Stephen C. Dooley	Drayage	10.42
Wm. J. Crawford	do	1.75
The Washington Post Co.	Advertising proposals	10.20
The Evening Star Newspaper Co.	do	7.83
Henry Evans	Sponges	10.08
Wm. E. Pratt	Hog ringers	9.45
J. P. Navrath	Cable twines	9.30
Fingue, House & Co.	4 yards felt	6.72
James E. Lambie	Belting and steel	6.25
Chas. P. Grose	Chair cushion	4.00
Rudolph, West & Co.	Box tin	3.38
Cascine Co. of America	Paste	3.00
Barber & Ross	Brass wire and gauze	1.95
H. Baumgarten	Metal die	1.00
The Maurice-Joyce Engraving Co.	Cuts for marking	1.00
T. S. Buck	Cement and expresse	1.00
Thos. Somerville & Sons	Handles for presses	.94
Wm. E. Morton	Hauling	.30
Chas. A. Schauter	Traveling expenses	143.54
A. M. Farrington	do	37.66
Jas. W. Chowning	do	4.90
The Pennsylvania R. R. Co.	Passenger and freight transportation.	44.00
Baltimore and Ohio R. R. Co.	do	32.00
Chicago, Milwaukee and St. Paul Rwy. Co.	do	2.55
Chicago and Alton Rwy Co.	do	10.05
Terre Haute and Indianapolis R. R. Co.	do	7.40
Cincinnati, Hamilton and Dayton Rwy. Co.	do	3.30
		3.70

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.
 GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Miscellaneous—Continued.</i>									
The Lake Shore and Michigan Southern Rwy. Co.						Transportation, Schanfler		\$13.50	
The Pittsburg, Cincinnati, Chicago and St. Louis Rwy.						do		8.35	
Missouri Pacific Rwy. Co.						Freight on stamps tags, etc.			\$92.13
Illinois Central R. R.						Freight on stamps, seals, and ink.			85.09
Star Union Line						Freight on tags and ink.			34.29
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.						Freight on stamps, tags, etc.			17.05
Baltimore and Ohio Southwestern Rwy. Co.						Freight on stamps			16.51
Merchants and Miners' Transportation Co.						do			10.53
Chicago, Indianapolis and Louisville Rwy. Co.						do			3.65
St. Louis and San Francisco R. R. Co.						do			2.39
Hannibal and St. Joseph R. R. Co.						Freight on stamps and seals.			7.24
Chicago and Northwestern Rwy. Co.						Freight on stamps and tags.			4.37
Atchison, Topeka and Santa Fé Rwy.						Freight on seals and tags			4.78
Michigan Central R. R. Co.						Freight on seals and stamps.			2.08
Burlington and Missouri River R. R. in Nebr.						Freight on ink			2.37
New York New Haven and Hartford R. R. Co.						Freight on stamps and tags.			2.78
Boston and Maine R. R.						Freight on stamps			1.51
Chicago, Burlington and Quincy Rwy. Co.						do			1.17
Central R. R. Co. of New Jersey.						do			1.05
Lehigh Valley R. R. Co.						do			1.07

Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	Inspector	Mar. 16, 1899	\$1,800	do	85
New York and Baltimore Transportation Line.	do	Sept. 1, 1893	1,400	do	83
Chesapeake and Ohio Rwy. Co.	do	July 1, 1900	1,400	do	97
The Cleveland Terminal and Valley R. R.	Special stock examiner	Nov. 1, 1901	300	do	58
Detroit Southern R. R. Co.	Stock examiner	Feb. 1, 1898	900	do	51
Pittsburg and Western R. R. Co.	do	Sept. 1, 1894	900	do	57
Chicago, Rock Island and Pacific Rwy. Co.	do	Jan. 1, 1894	900	Freight on seals	46
Wisconsin Central Rwy. Co.	do	Apr. 23, 1894	900	do	45
Chicago and Erie R. R. Co.	do	June 27, 1895	900	Freight on tags	25
Blue Line Transportation Co.	do	Nov. 1, 1895	900	Freight and drayage	97
The Public Printer	do	June 27, 1895	900	2,000 ruled sheets	68.37
Total			\$594,603.06		43,345.66
MICROSCOPIC INSPECTION.					
Chicago, Ill.					
Morris Woods	Inspector	Mar. 16, 1899	\$1,800		
E. L. Sigzins	do	Sept. 1, 1893	1,400		
W. J. Stewart	do	July 1, 1900	1,400		6.80
John B. Sine	Special stock examiner	Nov. 1, 1901	300		
R. A. Broadhurst	Stock examiner	Feb. 1, 1898	900		
Julius Kidder	do	Sept. 1, 1894	900		
R. Kochanowski	do	Jan. 1, 1894	900		
R. E. Lyman	do	Apr. 23, 1894	900		
F. L. Simpson	do	June 27, 1895	900		
Theo. B. Zündel	do	Nov. 1, 1895	900		
John N. Fitzgerald	Tagger	June 27, 1895	720		
Do.	Clerk	Aug. 15, 1901	840		
Harvey L. Shale	Tagger	Dec. 1, 1898	720		
Do.	Clerk	Dec. 2, 1901	840		
W. A. Bitner	Tagger	Feb. 15, 1898	720		
W. D. Clark	do	Oct. 14, 1897	720		
Bert Haskett	do	Nov. 10, 1899	720		
De L. Howard	do	Sept. 15, 1893	720		
Herman Jacobus	do	June 27, 1895	720		
Robt. G. Knipple	do	June 8, 1896	720		
J. C. Lorenzen	do	June 27, 1895	720		
Wm. McKay	do	do	720		
U. C. Nickliff	do	Nov. 10, 1899	197.66		
Theo. Sauer	do	Aug. 15, 1891	422.00		
Casper J. Schmitt	do	May 1, 1896	720.00		
J. R. Simpson	do	Oct. 10, 1898	180.00		
Albert Willey	do	July 25, 1901	540.00		
			473.40		

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GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
MICROSCOPIC INSPECTION— continued.									
Chicago, Ill.—Continued.									
Bertha I. Allen	Assistant microscopist	Dec. 20, 1897			\$300		\$300. 00		
Maud S. Armstrong	do	Apr. 6, 1898			600		599. 10		
May E. Bablick	do	Oct. 6, 1898			600		600. 00		
Katie Barrow	do	Nov. 1, 1892			600		539. 46		
Gertie M. Barry	do	Apr. 6, 1898			600		580. 35		
Mary K. Barry	do	May 1, 1895			600		578. 76		
Addie E. Bonneson	do	Apr. 23, 1894			600		514. 40		
Malvina A. Bixby	do	Aug. 20, 1897			600		600. 00		
Estella C. Bonds	do	Apr. 6, 1898			600		568. 95		
Veturia E. Boyd	do	Feb. 17, 1897			600		595. 97		
Kate H. Brady	do	Dec. 1, 1892			600		600. 00		
Martha E. Brandt	do	Dec. 7, 1896			600		563. 67		
Martha A. Brittan	do	May 16, 1898			600		600. 00		
Laura D. Burke	do	June 22, 1891			600		306. 77		
Agnes Chase	do	Oct. 6, 1898			600		455. 97		
Anna F. Clarke	do	Sept. 1, 1893			600		573. 91		
M. J. Connell	do	do			600		600. 00		
Mary Connolly	do	June 10, 1898			600		600. 00		
Nora Conway	do	Oct. 10, 1892			600		550. 87		
Tresey Cowan	do	May 16, 1898			600		526. 81		
May H. Crosby	do	Sept. 1, 1893			600		526. 86		
Lillie M. Crowell	do	Feb. 1, 1894			600		560. 09		
Nellie E. Damon	do	Feb. 5, 1894			600		593. 52		
Estelle G. Davis	do	Apr. 6, 1898			600		556. 49		
Nina B. Davis	do	Jan. 3, 1898			600		592. 54		
Delia Dietz	do	Oct. 11, 1898			600		590. 13		
Bertha L. Diller	do	Sept. 1, 1893			600		600. 00		
Eliz. M. Donegan	do	Apr. 6, 1898			600		581. 98		
Barbara Dorse	do	Dec. 26, 1894			600		556. 62		
Ella B. Earle	do	Mar. 25, 1895			600		535. 36		
Eliz. K. Eckert	do	Mar. 16, 1895			600		568. 17		
Eulalia Edwards	do	Sept. 1, 1897			600		496. 52		
Carrie Ehlers	do	Feb. 16, 1898			600		536. 42		
Margret Enright	do	Sept. 11, 1893			600		451. 96		
Matilda Evanson	do	Jan. 3, 1898			600		600. 00		
Ada K. Gannon	do	Feb. 15, 1894			600		53. 82		

Mary F. Goggin	do	Aug. 9, 1897	600	596.71
Charlotte R. Grosse	do	Oct. 11, 1898	600	586.15
Jennie E. Hatch	do	Sept. 7, 1897	600	600.00
Tessie C. Harvey	do	June 20, 1891	600	584.15
Bessie M. Healy	do	Oct. 6, 1898	600	600.00
Tillie Heil	do	Jan. 3, 1898	600	570.70
Jessie Hickman	do	Dec. 20, 1897	600	600.00
Clara E. Holmes	do	Apr. 18, 1898	600	579.48
Dora V. N. Hosmer	do	Feb. 1, 1894	600	441.05
May E. Hotchkiss	do	Mar. 1, 1895	600	589.42
Corra A. Housman	do	June 10, 1898	600	590.06
Myrtle A. Hunt	do	Jan. 3, 1898	600	459.77
Abbie W. Hunter	do	Feb. 1, 1894	600	535.44
Effie M. Hunter	do	Nov. 24, 1896	600	543.77
Mary Hurley	do	Dec. 1, 1893	600	561.49
Sarah A. Ingram	do	Apr. 11, 1898	600	690.00
Louise Johnson	do	Jan. 3, 1898	600	555.92
Mae B. Joslin	do	Aug. 20, 1897	600	577.22
Mary E. Keen	do	Sept. 1, 1893	600	580.40
Anna Klinge	do	Mar. 10, 1898	600	577.03
Matie Kneeland	do	May 1, 1894	600	594.88
Alice Lawson	do	Aug. 9, 1897	600	500.47
Mary E. Leahy	do	Sept. 1, 1893	600	523.75
Kate R. Luce	do	Aug. 17, 1897	600	517.71
Evelyn C. McCarthy	do	Jan. 3, 1898	600	600.00
Rosanna McDonnell	do	Apr. 6, 1898	600	585.37
A. G. McGlasson	do	May 1, 1892	600	690.00
Daisy G. McGrath	do	Jan. 3, 1898	600	387.93
Amy T. Maco	do	do	600	591.80
Ellen S. Mayhew	do	May 16, 1893	600	590.96
Katie A. Murphy	do	Aug. 15, 1892	600	551.71
Maggie Murphy	do	Jan. 6, 1898	600	198.91
Mamie F. Murray	do	Sept. 1, 1893	600	582.63
Eliz. L. Neill	do	Jan. 3, 1898	600	600.00
Annie Nicolai	do	Sept. 16, 1891	600	565.68
Agnes B. O'Brien	do	Aug. 9, 1897	600	579.50
Helen E. O'Brien	do	do	600	586.18
Julia H. O'Brien	do	Jan. 27, 1902	600	301.67
Bertha A. Ockerby	do	Oct. 6, 1898	600	394.32
Bessie D. Ogden	do	Mar. 15, 1895	600	577.00
Jessie G. Ogden	do	Aug. 6, 1894	600	490.62
Louise C. Olson	do	Jan. 3, 1898	600	173.33
Genevieve Petrie	do	Dec. 20, 1897	600	304.56
Grace Puette	do	June 15, 1898	600	501.50
Anna M. Quinn	do	Oct. 1, 1894	600	574.61
Agnes B. Rieder	do	Dec. 20, 1897	600	600.00
Sarah A. Riley	do	Feb. 1, 1894	600	88.82
Belle Ritter	do	Dec. 1, 1894	600	690.00
Lila Robinson	do	Feb. 1, 1894	600	406.72
Josephine Rockwell	do	Jan. 3, 1898	600	390.04
Mabel Rockwell	do	Oct. 1, 1891	600	540.67
Laura S. Ropiequet	do	Mar. 10, 1898	600	385.27
				7.43

Statement of disbursements from the appropriation for general expenses, Bureau of Animal Industry, etc.—Continued.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per an- num.	Miscellaneous items.	Salaries.	Travel- ing.
MICROSCOPIC INSPECTION— continued.								
Chicago, Ill.—Continued.								
Blanche Roy	Assistant microscopist.	Dec. 1, 1894			\$600		\$573.96	
Blanche Rutledge	do	Jan. 1, 1893			600		580.06	
Nellie A. Ryan	do	Oct. 10, 1892			600		427.97	
Hannah Scanlon	do	Apr. 1, 1892			600		597.47	
Martha Schnell	do	June 10, 1898			600		561.40	
Ella Schwahn	do	Jan. 3, 1898			600		575.53	
Mae Searles	do	Apr. 18, 1898			600		503.98	
Mae H. Shaw	do	Dec. 7, 1896			600		579.55	
Mary Sheehan	do	do			600		572.14	
Nellie Sheehan	do	Oct. 6, 1898			600		583.36	
Jennie M. Shufeldt	do	Dec. 1, 1894			600		483.44	
Pearl C. Sigler	do	Oct. 6, 1898			600		600.00	
Daisy Stewart	do	Feb. 1, 1898			600		600.00	
W. O. Sutherland	do	Feb. 1, 1894			600		567.21	
Maggie Taylor	do	Feb. 15, 1894			600		270.96	
Clara E. Townsend	do	May 16, 1898		Feb. 28, 1902	600		352.73	
Josephine C. Tully	do	Jan. 3, 1898			600		502.32	
Katherine Tully	do	Mar. 1, 1895			600		539.53	
Nellie Walker	do	June 15, 1898			600		533.32	
Mildred E. Walters	do	Nov. 24, 1896			600		600.00	
Katherine Welland	do	Dec. 17, 1894			600		244.53	
Carrie Wells	do	Dec. 18, 1893			600		348.04	
Clara Werther	do	Sept. 1, 1891			600		591.88	
Florence Whyte	do	Oct. 6, 1898		June 21, 1902	600		510.65	
Marian Williams	do	Sept. 1, 1893			600		600.00	
Mary E. Williams	do	Oct. 25, 1897			600		595.92	
Edith W. Dewey	Laborer	Nov. 1, 1898			\$10.00		360.00	
Selena Hosken	do	Dec. 1, 1897			630.00		360.00	
Annie Lynch	do	Mar. 1, 1898			630.00		360.00	
Gaban & Byrne						Office rent		\$2,700.00
Chicago Towel Supply Co.						Towel laundry		610.84
J. C. Lorenzen						Hire, horse and wagon		400.95
The Consumers Co.						Ice		127.18
Orr & Lockett Hardware Co.						Alaska refrigerator		41.50
H. W. Hawley						Hire, horse and wagon		22.50
J. Habberle						Repairing lock boxes		10.50

BUREAU OF ANIMAL INDUSTRY.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
MICROSCOPIC INSPECTION—continued.								
Buffalo, N. Y.—Continued.								
Lizzie Lidle	Assistant microscopist	Aug. 1, 1892			\$600		\$161.50	
Pearl Masten	do	Dec. 15, 1892			600		140.21	
Anna L. Moran	do	Aug. 1, 1892			600		128.72	
Johanna Greiner	Laborer	Dec. 1, 1897	Apr. 1, 1902	“ \$30.00			129.00	
C. H. Zink						Street-car fares		\$15.65
The Office Toilet Supply Co.						Towel laundry		22.28
South Omaha, Nebr.								
A. R. Wake	Inspector	Jan. 1, 1899			1,400		1,400.00	
John T. Blair	Tagger	May 1, 1898			720		720.00	
M. T. Hascall	do	Dec. 1, 1898			720		720.00	
H. V. Persells	do	Nov. 15, 1901			720		238.00	
Chris. M. Raff	do	Mar. 9, 1898			720		531.30	
Isaiah Richards	do	Dec. 1, 1898			720		60.60	
Sam. A. Risley	do	Oct. 1, 1898			720		120.70	
L. Schibsky	do	Nov. 6, 1893			720		172.18	
Amelia M. Allyn	Assistant microscopist	May 16, 1898			600		467.84	
Mary A. Atwood	do	Feb. 7, 1898			600		570.70	
Mehtable Barnes	do	Sept. 10, 1901			600		450.04	
Maud B. Beck	do	Feb. 10, 1898			600		590.15	
Ida E. Bushnell	do	May 16, 1893	Feb. 12, 1902		600		119.01	
Alma M. Calkins	do	Sept. 10, 1901			600		448.29	
Daisy M. Carter	do	Dec. 20, 1897			600		120.23	
Stella M. Clark	do	Sept. 10, 1901			600		446.73	
Mollie A. Conoyer	do	June 1, 1898			600		591.89	
Ethel M. Fansher	do	do			600		53.76	
Mary K. Giblin	do	June 16, 1893			600		575.43	
Lulu E. Gibson	do	June 16, 1893	Feb. 11, 1902		600		432.04	
Margaret Hogan	do	do			600		4.89	
Etta A. Holland	do	Oct. 15, 1901	Oct. 17, 1901		600		558.60	
Stella Huestis	do	Dec. 20, 1897			600		570.45	
Daisy C. Maus	do	Sept. 26, 1898			600		65.81	
Mary H. Milton	do	Feb. 10, 1898			600			

Louise C. Olson	do	Jan. 3, 1898	600	57.15	\$2.85	
Mary E. Price	do	Sept. 1, 1897	600	470.71		
Fannie Sage	do	Aug. 20, 1897	600	588.47		
Dora Sawhill	do	Sept. 10, 1901	600	435.00		
Cora A. Sayre	do	Jan. 5, 1895	600	532.64		
Edith M. Sayre	do	Feb. 1, 1902	600	235.01		
Lizzie Spencer	do	Aug. 20, 1897	600	415.04		
Maebel F. Stevens	do	Sept. 10, 1901	600	411.20		
H. Inez Temple	do	Feb. 7, 1898	600	427.06	2.75	
H. S. Wainright	do	Sept. 1, 1897	600	542.46		
Louisa E. Wilson	do	Aug. 17, 1897	600	340.02	4.90	
Emma M. Wyatt	do	Aug. 1, 1892	600	238.02		
Mary Lynch	do	Aug. 1, 1901		23.38	3.15	
Emma Prill	do	Dec. 1, 1900				
Chicago and Northwestern Rwy. Co.		July 31, 1901				
Chicago, St. Paul, Minneapolis and Omaha Rwy.						
Chicago, Burlington and Quincy R. R. Co.						
Frontier Towel Supply Co.						58.95
<i>Boston, Mass.</i>						
Alfred F. Martins	Inspector	Mar. 1, 1898	1,400	700.00		
John L. Ewing	Tagger	June 20, 1901	720	360.00		
M. F. Henry	do	do	720	360.00		
John S. Neagle	do	do	720	360.00		
Helen M. Cogan	Assistant microscopist	Apr. 11, 1898	600	262.50		
Mima M. Dean	do	do	600	247.96		
Eliz. M. Driscoll	do	do	600	244.48		
Eliza M. Ellis	do	do	600	233.15		
Anna Erickson	do	July 16, 1893	600	269.11		
Abbie M. Farwell	do	Feb. 13, 1895	600	237.52		
Abbie F. Gage	do	Dec. 12, 1892	600	262.54		
Violet A. Hall	do	Nov. 24, 1896	600	233.11		
Sarah G. Kelley	do	Apr. 11, 1898	600	249.41		
Mary E. Parley	do	May 1, 1894	600	257.65		
Cora L. Seeley	do	Dec. 26, 1892	600	105.98		
Annie C. Shepherd	do	Feb. 1, 1898	600	257.52		
Margaret V. Slater	do	Apr. 23, 1894	600	264.22		
Carlotia L. Ward	do	May 1, 1894	600	257.52		
Alice M. Watkeys	do	Apr. 11, 1898	600	260.87		
Effie I. Westcott	do	do	600	256.02		
Florence I. Young	do	Apr. 23, 1894				
A. G. Richardson						3.00
Bay State Clean Towel Co.						53.26
New England Telegraph and Telephone Co.						24.00

a Per month.

GENERAL EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.			
MICROSCOPIC INSPECTION—continued.										
Indianapolis, Ind.										
Richard W. Tuck	Inspector	May 1, 1901			\$1,400			\$1,400.00		
Matthew Quinn	Tagger	Apr. 16, 1893			720			720.00		
Willard H. Trout	do	July 14, 1899			720			598.80		
Izetta A. Bell	Assistant microscopist.	Dec. 15, 1898			600			320.16		
Mary B. Clark	do	June 21, 1897			600			236.60		
Margaret Clarke	do	Apr. 16, 1894	Dec. 31, 1901		600			148.38		
Mattie H. Dickinson	do	Feb. 1, 1898			600			328.31		
Mary A. Egan	do	Oct. 1, 1894			600			226.01		
Nellie Holland	do	Nov. 8, 1894			600			280.81		
Eliz. S. Hurst	do	Dec. 7, 1896			600			308.62		
Lizzie Keller	do	Aug. 20, 1897			600			323.23		
Mary Lucid	do	Dec. 16, 1893			600			305.29		
Martha L. Metcalf	do	Dec. 1, 1898			600			315.08		
Pearl C. Miles	do	Dec. 7, 1896	June 7, 1902		600			318.19		
Flora F. Miller	do	Oct. 6, 1896			600			243.21		
Mary E. Ritchie	do	Nov. 26, 1894			600			316.90		
Rachel E. Robinson	do	Feb. 1, 1898			600			275.83		
Mary Morrison	Laborer	Dec. 1, 1897			600			360.00		
Lewis S. Dreyer	do	Oct. 10, 1898			600					
Do	Tagger	July 22, 1901			720			116.17		
N. C. Sorensen										\$5.75
The Sanborn-Marsh Electrical Co.								Office expenses Electric fans.		14.50
Armstrong Steam Laundry								Towel laundry		14.47
Milwaukee, Wis.										
Walter J. Stewart	Inspector	July 1, 1900			1,400			582.10		
Chester J. Curtis	Tagger	June 5, 1894			720			290.40		
J. Leismann	do	May 16, 1893			720			58.80		
Wilfred M. Miller	do	Nov. 10, 1899			720			240.60		
Ella M. Caldwell	Assistant microscopist	Jan. 3, 1898	Oct. 31, 1901		600			150.40		
Louise Faust	do	Nov. 1, 1894			600			114.13		
Emma Fogo	do	Feb. 25, 1898			600			17.63		
Mary Gorman	do	Aug. 26, 1891			600			148.73		
Frankie E. Kelly	do	Jan. 3, 1898			600			150.40		

Harriet F. King	Assistant microscopist	Feb. 21, 1898				145.51	
Anastasia Lawrence	do	Sept. 7, 1897			600	147.10	
Josephine A. Lyon	do	Dec. 15, 1894			600	150.40	
Mary McShane	do	Feb. 16, 1895			600	148.77	
M. M. Maynard	do	Apr. 25, 1898			600	150.40	
Sue Nichols	do	Oct. 25, 1897			600	143.73	
Ida M. E. Scholz	do	Apr. 25, 1898			600	104.71	
Hattie Schultz	do	Sept. 15, 1891			600	145.51	
Mary Somers	do	Feb. 16, 1895			600	147.73	
Nellie F. Somers	do	Jan. 10, 1898			600	150.40	
Elba E. Whitaker	do	Jan. 24, 1898			600	16.30	
Syl. M. Whitaker	do	Jan. 1, 1898			600	140.61	
Edna L. Willis	do	Apr. 25, 1898			600	41.16	
Anna Zimmerman	do	do			600	150.40	
A. E. Behnke	do	Feb. 16, 1895			600	142.35	
<i>Miscellaneous.</i>							63.80
Colman Brez.	Instrument repairer	Oct. 1, 1898					
Do.	do	Dec. 1, 1901	4.00		1,000	1,100.20	
American Tag Co.							258.00
E. J. Brooks & Co.							249.64
The Friedenwald Co.							130.00
Barber & Ross.							13.56
J. P. Nawrath							9.30
Elmer H. Catlin & Co.							8.00
T. S. Buck							7.50
Bausch & Lomb Optical Co.							1.00
Baltimore and Ohio R. R. Co.							3.11
New York, New Haven and Hartford R. R.							1.71
Chicago, Indianapolis and Louisville Rwy.							.52
Chicago, Milwaukee and St. Paul Rwy. Co.							.25
Total						118,985.25	\$49.48
							4,904.75

a Per month.

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